AASP African American Studies Summer 2011

AASP100 **Introduction to African American Studies**

AASP100 Introduction to African American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course.
Significant aspects of the history of African Americans with particular emphasis on the evolution and development of black communities from slavery to the present. Interdisciplinary introduction to social, political, legal and economic roots of contemporary problems faced by blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.

0101	Jason Nichols **Meets May 31, 2011 - July 10, 2011** TuTh 10:00am - 1:20pm	Seats (Total: 30) LEF 1221
0201	Jason Nichols **Meets July 11, 2011 - August 21, 2011** TuWTh 10:00am - 12:15pm	Seats (Total: 21) LEF 1201
XA21	Jason Nichols **Meets July 11, 2011 - August 21, 2011** TuWTh 10:00am - 12:15pm	Seats (Total: 14) LEF 1201

AASP202 **Black Culture in the United States**

AASP202 Black Culture in the United States; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course.
The course examines important aspects of African American life and thought which are reflected in African American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the 19th-century to the present.

WB11	Robert Choflet **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 25) ONLINE

WB21	Robert Choflet	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

AASP498E **Special Topics in Black Culture; Understanding Hip Hop Culture: A Critical Examination**

AASP498E Special Topics in Black Culture: Understanding Hip Hop Culture: A Critical Examination; (3 credits) Grade Method: REG/P-F/AUD.
This course will not only cover the inception and evolution of Hip Hop c ulture, and the various elements of Hip Hop, but this course will critic ally examine the various events, societal constructs, and cultures (past and present) which have contributed to Hip Hop's beginnings and growth. This course will be centered around research papers, examinations, rich class discussion, and critical thought.

0101	Solomon Comissiong	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:30pm	ASY 3211

AASP498R **Special Topics in Black Culture; Race and Sports**

AASP498R Special Topics in Black Culture: Race and Sports; (3 credits) Grade Method: REG/P-F/AUD.
This course will be a hybrid web-based/traditional class which uses prin t media and film to investigate the relationship between two issues that play a large role in American society--race and sports. Students will meet once a week on one of the assigned days (Tu or Th) for a lecture/di scussion dealing with course themes addressed through the use of Blackbo ard (readings/films/lessons).

0101	Jonathan England	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 1:00pm - 4:30pm	ASY 3211

AASP499D **Advanced Topics in Public Policy and the Black Community; Drawing the Colorline: Chocolate City and the Media**

AASP499D Advanced Topics in Public Policy and the Black Community: Drawing the Colorline: Chocolate City and the Media; (3 credits) Grade Method: REG/P-F/AUD.
Students will interact and be assessed on their participation in the on-line environment of Blackboard. Please contact the instructor with any questions at jengland@aasp.umd.edu. There will be an orientation to the class on Tuesday, July 11th.

WB21	Jonathan England	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

AASP499F **Advanced Topics in Public Policy and the Black Community; Black Politics and Policy: A Multimedia Approach**

AASP499F Advanced Topics in Public Policy and the Black Community: Black Politics and Policy: A Multimedia Approach; (3 credits) Grade Method: REG/P-F/AUD.
An online course that uses media (film, documentaries) and speeches to investigate African-American politics and policy issues such as education, crime, and welfare. Please contact the instructor at jengland@aasp.umd.edu for more information.

WB21	Jonathan England	Seats (Total: 50)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

AGNR Agriculture and Natural Resources Summer 2011

AGNR100 **Agriculture Discovery: An Educational Odyssey Exploring Food, Culture, and the Environment**
Contact department for information to register for this course.

AGNR499 **Special Problems**

AGNR499 *(PermReq)* **Special Problems; (3 credits)** Grade Method: REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AGNR499A **Special Problems; Azerbaijan: Environmental Issues and a Cultural Experience**
Contact department for information to register for this course.

AGNR503 **Agriculture Food and Natural Rsources**

AGNR503 *(PermReq)* **Agriculture Food and Natural Rsources; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Open only to students enrolled in the UM CASE Institue. Not acceptable for credit toward a degree. This is an intensive professional development course that prepares high school teachers to teach Introduction to Agriculture, Food, and Natural Resources (AFNR). AFNR introduces students to the world of agriculture, emphasizing the science, mathematics, reading, and writing components used throughout the CASE curriculum. Students will experience hands-on activities, projects, and problem solving through the study of communication, sciences of agriculture, plants, animals, and agricultural technology.

XA21	Glori Hyman, Leon Slaughter	Seats (Total: 20)
	Meets July 18, 2011 - July 28, 2011	
	MTuWThF 8:00am - 5:00pm	PLS 1153

AMSC Applied Mathematics & Scientific Computation Summer 2011

AMSC498A **Selected Topics in Applied Mathematics**

AMSC498A *(PermReq)* **Selected Topics in Applied Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC689 **Research Interactions in Applied Mathematics and Scientific Computation**

AMSC689 *(PermReq)* **Research Interactions in Applied Mathematics and Scientific Computation; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC698A **Advanced Topics in Applied Mathematics**

AMSC698A *(PermReq)* **Advanced Topics in Applied Mathematics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC760 **Applied Statistics Practicum**

AMSC760 Applied Statistics Practicum; (3 credits) Grade Method: REG. *Prerequisite: At least one full year of graduate study in Applied Statistics, approval by SAC of project proposal.* A semester long applied applied statistical project (a minimum 10 hours per week or 120 hours in total), in an internship of collaborative research-laboratory setting working on a substantive applied quantitative project with significant statistical content.

0201	Mei-Ling Lee	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

AMSC799 **Master's Thesis Research**

AMSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC898 **Pre-Candidacy Research**

AMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC899 **Doctoral Dissertation Research**

AMSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST American Studies Summer 2011

AMST201 **Introduction to American Studies**

Please visit http://amst.umd.edu/programs/course/ for more course information.

AMST201 Introduction to American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.

Introduction to American cultural studies--past and present--by examining the concept of "self" in American autobiographical writing and the concept of "society" in accounts of various communities.

0201	Darius Bost **Meets July 11, 2011 - August 21, 2011** TuWTh 9:00am - 11:15am	Seats (Total: 16) HZF 0101
XA21	Darius Bost **Meets July 11, 2011 - August 21, 2011** TuWTh 9:00am - 11:15am	Seats (Total: 14) HZF 0101

AMST203 **Popular Culture in America**

AMST203 Popular Culture in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.

An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society.

WB11	Maria Vargas **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 30) ONLINE
WB21	Tiffany King **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 30) ONLINE

AMST298M **Selected Topics in American Studies: Sex. Gender, and Labor in the Contemporary Global Political Economy**

AMST298M Selected Topics in American Studies: Sex. Gender, and Labor in the Contemporary Global Political Economy; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.

WB10	Gina Callahan	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

AMST328E **Perspectives on Identity and Culture: Race and Popular Culture**

AMST328E Perspectives on Identity and Culture: Race and Popular Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as USLT498E.

WB11	Douglas Ishii	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

AMST328K **Perspectives on Identity and Culture; Latina Lives: Gender, Race, and Sexuality**

AMST328K Perspectives on Identity and Culture: Latina Lives: Gender, Race, and Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as USLT498D.

WB21	Ana Perez	Seats (Total: 25)
	Meets July 11, 2011 - August 19, 2011	
	Class time/details on ELMs	ONLINE

AMST386 **Experiential Learning**

AMST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: permission of department. Junior standing.* Faculty mentored independent learning. On line interaction using Blackboard is required.

WB21	Jo Paoletti	Seats (Total: 5)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

AMST398 **Independent Studies**

AMST398 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG. Faculty mentored independent learning. Online interaction using Blackboard is required. Please contact the instructor for further information at jpaol@umd.edu.

WB11	Jo Paoletti **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 5) ONLINE

AMST418D **Cultural Themes in America; Growing Up American**

AMST418D Cultural Themes in America: Growing Up American; (3 credits) Grade Method: REG/P-F/AUD.

WB11	R Kelly **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 40) ONLINE

AMST429E **Perspectives on Popular Culture; Television in American Culture**

AMST429E Perspectives on Popular Culture: Television in American Culture; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Sheri Parks **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 40) ONLINE
WB21	Andrew Nelson **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 30) ONLINE

AMST698 **Directed Readings in American Studies**

AMST698 Directed Readings in American Studies; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST798 **Non-Thesis Research**

AMST798 Non-Thesis Research; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST799 **Master's Thesis Research**

AMST799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST898 **Pre-Candidacy Research**

AMST898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST899 **Doctoral Dissertation Research**

AMST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH Anthropology Summer 2011

ANTH220 **Introduction to Biological Anthropology**

ANTH220 Introduction to Biological Anthropology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. CORE Diversity (D) Course. Human biological evolution, including the biology of contemporary human groups, non-human primate social behavior, and the fossil, biochemical, and molecular evidence for human evolution. Includes a laboratory study of human population genetics, biochemical variation, and anatomical diversity in modern and fossil human and non-human primate groups. Students must pay a $30.00 laboratory materials fee.

0101	Susan Steen	Seats (Total: 20)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 9:00am - 12:00pm	MMH 0108	
	MW 9:00am - 12:00pm	WDS 0124C	Lab

0102	Susan Steen	Seats (Total: 20)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 9:00am - 12:00pm	MMH 0108	
	TuTh 1:00pm - 4:00pm	WDS 0124C	Lab

ANTH240 **Introduction to Archaeology**

ANTH240 Introduction to Archaeology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
Exploration of the variety of past human societies and cultures through archaeology, from the emergence of anatomically modern humans to the more recent historical past.

WB11	Anne Garland	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ANTH260 **Introduction to Sociocultural Anthropology and Linguistics**

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
Culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior. Particular attention to the relationship between language and culture.

WB11	Michael Buonanno	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ANTH298A **Special Topics in Anthropology: Forensic Sciences**

ANTH298A Special Topics in Anthropology: Forensic Sciences; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.
Click here for more course information.

YS41	Marilyn London	Seats (Total: 25)
	Meets July 11, 2011 - July 30, 2011	
	MTuWThF 9:00am - 12:00pm	WDS 1102

ANTH298F **Gender and Anthropology**

ANTH298F Gender and Anthropology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. Click here for more course information.

WB11	Katherine Johnson	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ANTH358A **Undergraduate Teaching Assistant**

ANTH358A Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH358B **Undergraduate Teaching Assistant**

ANTH358B Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH358C **Undergraduate Teaching Assistant**

ANTH358C Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH386 **Experiential Learning**

ANTH386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Recommended: completion of advanced courses in relevant subfield of anthropology. Junior standing. For ANTH majors only. Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH398A **Independent Study**

ANTH398A *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Approval of Instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH428W **Special Topics in Bioanthropology; Primate Social Behavior**

ANTH428W Special Topics in Bioanthropology: Primate Social Behavior; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB11	Mark Zajac	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ANTH429C **Advanced Special Topics in Biological Anthropology; Human Skeletal Anatomy**

ANTH429C Advanced Special Topics in Biological Anthropology: Human Skeletal Anatomy; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

0201	Marilyn London	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MWF 1:30pm - 4:00pm	WDS 0124C

ANTH445 **Laboratory Methods in Archaeology**

ANTH445 Laboratory Methods in Archaeology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ANTH496. Recommended: ANTH240. The processing, curation, cataloging and analysis of data is an important part of any archaeology field project. Students will learn that basics of laboratory techniques necessary for the final analysis and interpretation of field data.

0401	Mark Leone	Seats (Total: 20)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:00am - 5:00pm	WDS 1124	Lab
	This lab section will work with finds from the Annapolis field school led by Leone, Knauf & Tang.		
0402	Stephen Brighton	Seats (Total: 20)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:00am - 5:00pm	WDS 0128	Lab
	This lab section will work with finds from the Baltimore Field School led by Brighton.		

ANTH448B **Special Topics in Archaeology; Archaeology Law & Preservation**

ANTH448B Special Topics in Archaeology: Archaeology Law & Preservation; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB21	Donald Craib	Seats (Total: 25)	
	Meets July 11, 2011 - August 21, 2011		
	Class time/details on ELMs	ONLINE	

ANTH448D **Special Topics in Archaeology; GIS for Anthropologists**

ANTH448D Special Topics in Archaeology: GIS for Anthropologists; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ANTH689D.

WB21	Adrienne Allegretti	Seats (Total: 25)	
	Meets July 11, 2011 - August 21, 2011		
	Class time/details on ELMs	ONLINE	

ANTH448I **Special Topics in Archaeology; Introduction to Cultural Resource Management**

ANTH448I Special Topics in Archaeology: Introduction to Cultural Resource Management; (3 credits) Grade Method: REG/P-F/AUD.
Students who wish to register for this section after June 6, 2011, pleas e email summer@umd.edu. Click here for more course information.

0501	Terry Klein	Seats (Total: 10)
	Meets June 20, 2011 - June 25, 2011	
	MTuWThFSa 9:00am - 5:00pm	Location: TBA

ANTH469F **Advanced Special Topics in Cultural Anthropology; The History of Humans and Their Environment**

ANTH469F Advanced Special Topics in Cultural Anthropology: The History of Humans and Their Environment; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB21	Anne Garland	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ANTH476 **Senior Research**

ANTH476 *(PermReq)* **Senior Research; (3-4 credits)** Grade Method: REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number.
For ANTH majors only. Credit will be granted for only one of the following: ANTH476 or ANTH486. Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of a senior thesis in anthropology.

Contact department for information to register for this course.

ANTH477 **Senior Thesis**

ANTH477 *(PermReq)* **Senior Thesis; (3-4 credits)** Grade Method: REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ANTH476; permission of department. For ANTH majors only. Credit will be granted for only one of the following: ANTH477 or ANTH487. Capstone course in which students write a senior thesis on independent research into a current problem in anthropology. The thesis is defined before a committee of faculty.

Contact department for information to register for this course.

ANTH486 **Honors Research**

ANTH486 Honors Research; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH486 or ANTH476.* Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of an honors thesis in anthropology.

Contact department for information to register for this course.

ANTH487 **Honors Thesis**

ANTH487 Honors Thesis; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: ANTH486; permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH487 or ANTH477.* Capstone course in which students write a thesis on the results of independent research into a current problem in anthropology.

Contact department for information to register for this course.

ANTH496 **Field Methods in Archaeology**

ANTH496 Field Methods in Archaeology; (6 credits) Grade Method: REG/P-F/AUD.
Field training in the techniques of archaeological survey and excavation. Also offered as ANTH696 and SUMM015.

0101	Jocelyn Knauf, Mark Leone, Amanda Tang **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 4:00pm *Excavation sites will be in Annapolis and on the Eastern Shore. Student will be responsible for their own transportation.*	Seats (Total: 20) Location: TBA
0102	Stephen Brighton **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 4:00pm *Excavation site will be approximately 12 miles north of Baltimore. Students will be responsible for their own transportation.*	Seats (Total: 15) Location: TBA

ANTH498C **Advanced Field Training in Ethnography; Brazil: Environmental Conservation & Indigenous Peoples**

Contact department for information to register for this course.

ANTH498D **Advanced Field Training in Ethnography; The Black Church as an Agent of Change: Formative Assessment Research and Evaluation**

ANTH498D Advanced Field Training in Ethnography: The Black Church as an Agent of Change: Formative Assessment Research and Evaluation; (3-6 credits) Grade Method: REG/P-F/AUD.

Click here for more course information.

0101	Tony Whitehead	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

ANTH498J **Advanced Field Training in Ethnography; Jamaica: Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**

Contact department for information to register for this course.

ANTH498M **Advanced Field Training in Ethnography; Suriname: Etnographic Fieldwork-National Celebration, Integration and Identity**

Contact department for information to register for this course.

ANTH498V **Advanced Field Training in Ethnography; The Global and the Local in Prince George's County: An Ethnographic Field School**

ANTH498V Advanced Field Training in Ethnography: The Global and the Local in Prince George's County: An Ethnographic Field School; (6 credits) Grade Method: REG/P-F/AUD.

For all 6 weeks (6/1-7/8), students will work at a field site 9am - 2pm (no field placement work on the first day of the term, Tuesday, May 31; and Monday, July 4). For the first 3 weeks (5/31-6/17), field placements will be followed up with 3 hours of direct instruction in the classroom, 3pm - 6pm, in Woods Hall 1102. Click here for more course information.

0101	Judith Freidenberg	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

ANTH498W **Advanced Field Training in Ethnography; Jamaica: Connections, Celebration and Identity**

Contact department for information to register for this course.

ANTH688A **Current Developments in Anthropology**

ANTH688A Current Developments in Anthropology; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH688V **Current Developments in Anthropology; The Global and the Local in Prince George's County: An Ethnographic Field School**

ANTH688V Current Developments in Anthropology: The Global and the Local in Prince George's County: An Ethnographic Field School; (3 credits) Grade Method: REG/AUD.
Click here for more course information.

0101	Judith Freidenberg	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

ANTH688W **Current Developments in Anthropology; The Black Church as an Agent of Change: Formative Assessment Research and Evaluation**

ANTH688W Current Developments in Anthropology: The Black Church as an Agent of Change: Formative Assessment Research and Evaluation; (3 credits) Grade Method: REG/AUD.
Click here for more course information.

0101	Tony Whitehead	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

ANTH689A **Special Problems in Anthropology**

ANTH689A *(PermReq)* **Special Problems in Anthropology; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH689B **Special Problems in Anthropology; Archeology Law & Preservation**

ANTH689B Special Problems in Anthropology: Archeology Law & Preservation; (3 credits) Grade Method: REG/S-F.

WB21	Donald Craib	Seats (Total: 25)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ANTH689D **Special Problems in Anthropology; GIS for Anthropologists**

ANTH689D Special Problems in Anthropology: GIS for Anthropologists; (3-6 credits) Grade Method: REG/S-F.
Also offered as ANTH448D.

WB21	Adrienne Allegretti	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ANTH689F **Special Problems in Anthropology; The History of Humans and Their Environment**

ANTH689F Special Problems in Anthropology: The History of Humans and Their Environment; (3 credits) Grade Method: REG/S-F.

WB21	Anne Garland	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ANTH689I **Special Problems in Anthropology; Introduction to Cultural Resource Management**

ANTH689I Special Problems in Anthropology: Introduction to Cultural Resource Management; (3 credits) Grade Method: REG/S-F.
Students who wish to register for this section after June 6, 2011, pleas e email summer@umd.edu. Click here for more course information.

0501	Terry Klein	Seats (Total: 5)
	Meets June 20, 2011 - June 25, 2011	
	MTuWThFSa 9:00am - 5:00pm	Location: TBA

ANTH689M **Special Problems in Anthropology; Suriname: Etnographic Fieldwork-National Celebration, Integration and Identity**

Contact department for information to register for this course.

ANTH696 **Field Methods in Archaeology**

ANTH696 Field Methods in Archaeology; (6 credits) Grade Method: REG/AUD. *Formerly ANTH699.* Field training in the techniques of archaeological survey and excavation. Also offered as ANTH496 and SUMM015. Click here for more course information.

0101	Amanda Tang, Mark Leone, Jocelyn Knauf **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 4:00pm	Seats (Total: 20) Location: TBA
0102	Stephen Brighton **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 4:00pm	Seats (Total: 15) Location: TBA

ANTH698C **Advanced Field Training in Ethnology; Brazil: Ethnographic Fieldwork**

Contact department for information to register for this course.

ANTH698J **Advanced Field Training in Ethnology; Jamaica: Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**

Contact department for information to register for this course.

ANTH698W **Advanced Field Training in Ethnology; Jamaica: Connections, Celebration and Identity**

Contact department for information to register for this course.

ANTH712 **Anthropology Internship Analysis**

ANTH712 *(PermReq)* **Anthropology Internship Analysis; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: ANTH789. The preparation and presentation of internship results, and the development of skills in report writing and presentation. Includes the completion of a professional quality report or publishable paper based on the internship experience. Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH788 **Internship Research**

Contact department for information to register for this course.

ANTH789 **Internship**

ANTH789 *(PermReq)* **Internship; (3-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AOSC Atmospheric and Oceanic Science Summer 2011

AOSC798 **Directed Graduate Research**

AOSC798 Directed Graduate Research; (1-3 credits) Grade Method: S-F.

0101	James Carton **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0103	Raghu Murtugudde **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0104	Raghu Murtugudde **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0105	Antonio Busalacchi **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0203	Raghu Murtugudde **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0204	Raghu Murtugudde **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0206	Kenneth Pickering **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

0207	Zhanqing Li	Seats (Total: 5)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	
0208	Dale Allen	Seats (Total: 5)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

AOSC898 **Pre-Candidacy Research**

AOSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AOSC899 **Doctoral Dissertation Research**

AOSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARAB Arabic Summer 2011

ARAB104 **Elementary Modern Standard Arabic I-II**

ARAB104 Elementary Modern Standard Arabic I-II; (6 credits) Grade Method: REG/P-F/AUD.
Not open to fluent/native speakers of Arabic. An intensive course focusing on developing functional proficiency in the standard Arabic language, both written and formal spoken. Begins with script and phonology, and develops into a limited range of situation-based texts and topics that build vocabulary, grammar, general communicative competence and cultural awareness. This course includes an additional 3 hours of conversation lab per week. Times and days to be arranged.

0101	Souhad Zendah	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:00am - 11:50am	SQH 1101

ARAB105 **Elementary Modern Standard Arabic III-IV**

ARAB105 Elementary Modern Standard Arabic III-IV; (6 credits) Grade Method: REG/P-F/AUD.

Not open to fluent/native speakers of Arabic. Prerequisite: ARAB104. Continuation of ARAB104, developing further linguistic proficiency in Standard Arabic, both written and formal spoken. Covers an extended range of situation-based texts and topics that build vocabulary, grammar, general communicative competence and cultural awareness.

0201	Souhad Zendah	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:00am - 11:50am	SQH 1101

ARAB210 **Elementary Levantine Arabic III**

ARAB210 Elementary Levantine Arabic III; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: permission of department. Emphasis on developing listening and speaking skills in Levantine Arabic, since colloquial dialects are mainly used in speech. Covers family, school, shopping, local culture and general interaction. Some reading in Arabic.

PC01	Fatima Almutawakel	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	M 12:30pm - 1:45pm	SQH 2112
	Tu 10:30am - 11:45am	SQH 2112
	W 2:00pm - 3:15pm	SQH 2112
	F 10:45am - 12:00pm	SQH 2112
	This section is only open to students in the Arabic Graduate Language Program.	
PC02	Fatima Almutawakel	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	Tu 12:00pm - 1:15pm	SQH 2112
	WF 12:30pm - 1:45pm	SQH 2112
	Th 10:30am - 11:45am	SQH 2112
	This section is only open to students in the Arabic Graduate Language Program.	

ARAB402 **Arabic English Translation**

ARAB402 Arabic English Translation; (3 credits) Grade Method: REG/P-F/AUD. *Not open to native speakers of Arabic. Prerequisite: ARAB305 or permission of department.* In-depth practicum in translation from Arabic to English. Exploration of the complexities of translation as an exercise of textual interpretation and linguistic transformation.

PC01	Hisham Monassar	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	TuTh 8:30am - 10:15am	SQH 2121
	W 10:30am - 12:15pm	SQH 2121
	This section is only open to students in the Arabic Language program.	
PC02	Hisham Monassar	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	MW 8:30am - 10:15am	SQH 2121
	Th 12:00pm - 1:45pm	SQH 2121
	This section is only open to students in the Arabic Lanugage program.	

ARAB489 **Special Topics in Arabic Studies**

ARAB489 Special Topics in Arabic Studies; (3 credits) Grade Method: REG/P-F/AUD.

PC01	Soulaiman Jendi	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	M 10:30am - 12:15pm	SQH 2112
	W 8:30am - 10:15am	SQH 2112
	Th 12:00pm - 1:45pm	SQH 2112
PC02	Soulaiman Jendi	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	MTuF 2:00pm - 3:45pm	SQH 2112

ARAB610 **Islamic Culture**

ARAB610 Islamic Culture; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* In-depth study of core topics related to Islamic culture and society, e.g. the political system, caliphates, reform movements, Shari's law. Taught in Arabic.

PC01	Basem Elzaawily	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	MWF 9:00am - 10:30am	JMZ 3122
	This section is only open to students in the Arabic Language program.	

ARAB638C **Special Topics in Middle Eastern Studies; Socio-cultural Study of Arab Cinema**

ARAB638C Special Topics in Middle Eastern Studies: Socio-cultural Study of Arab Cinema; (3 credits) Grade Method: REG/AUD.

PC01	Basem Elzaawily	Seats (Total: 10)
	Meets May 31, 2011 - July 22, 2011	
	MWF 11:00am - 12:30pm	JMZ 3122
	This section is only open to students in the Arabic Language program.	

ARAB788 **Internship in Arabic**

ARAB788 Internship in Arabic; (3-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARAB789 **Independent Study in Arabic**

ARAB789 Independent Study in Arabic; (1 credit) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH Architecture Summer 2011

ARCH150 **Discovering Architecture: A Career Studio**

ARCH150 Discovering Architecture: A Career Studio; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. Introduction to careers in architecture. A Young Scholars Program course, offered during the summer only. Students learn about careers in architecture, landscape architecture and urban planning. Architecture faculty teach basic design principles that students use to complete their own design project in a design studio environment.

YS41	Luis Diego Quiros Pacheco	Seats (Total: 64)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:30am - 4:30pm	ARC 0204	
	This section is part of The Young Scholars Program. Enrollment by permission only.		

ARCH242 **Basic Architectural Drawing**

ARCH242 Basic Architectural Drawing; (3 credits) Grade Method: REG.
Prerequisite: ARCH170 or permission of department. Freshman standing. The study of drawing as a learned skill with emphasis on observation, documentation, analysis, and synthesis. This introductory course immerses students in the conventions of architectural drawing (orthographics, isometrics, axonometrics, and linear perspective) primarily through freehand drawing.

0101	Lester Escobal	Seats (Total: 40)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 7:00pm - 8:00pm	ARC 1105	
	TuTh 8:00pm - 10:20pm	ARC 1105	Lab

ARCH418M **Selected Topics in Architectural Technology; Measuring Sustainability**

ARCH418M Selected Topics in Architectural Technology: Measuring Sustainability; (3 credits) Grade Method: REG.
Click here for more course information.

0101	Ralph Bennett	Seats (Total: 15)
	Meets May 31, 2011 - August 19, 2011	
	Contact instructor or department for details.	

ARCH428 **Selected Topics in Architectural History**

ARCH428 *(PermReq)* **Selected Topics in Architectural History; (1-3 credits)**
Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH428F **Selected Topics in Architectural History; French Architecture, Urbanism and Landscape**
Contact department for information to register for this course.

ARCH428P	**Selected Topics in Architectural History; Domestic Architecture in Pompeii** **Contact department for information to register for this course.**
ARCH428Q	**Selected Topics in Architectural History; Italy: Archaeological Investigations** **Contact department for information to register for this course.**
ARCH428T	**Selected Topics in Architectural History; History of the Turkish Architecture** **Contact department for information to register for this course.**
ARCH429	**Independent Studies in Architectural History** **ARCH429** *(PermReq)* **Independent Studies in Architectural History; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. **Contact department for information to register for this course.**
ARCH448F	**Selected Topics in Visual Studies for Architects; Visual Analysis** **Contact department for information to register for this course.**
ARCH448R	**Selected Topics in Visual Studies for Architects; Italy: The Building and the City** **Contact department for information to register for this course.**
ARCH456	**Great Cities** **Contact department for information to register for this course.**
ARCH478G	**Selected Topics in Architecture; Japan: Examining Spatial Constructs Through Literature and Architecture** **Contact department for information to register for this course.**
ARCH478R	**Selected Topics in Architecture; Architectural Drawings II** **Contact department for information to register for this course.**
ARCH478V	**Selected Topics in Architecture; Italy: Summer Architecture Program in Rome/Visual Analysis: The Building and the City** **Contact department for information to register for this course.**
ARCH478Z	**Selected Topics in Architecture; Scandinavia: Culture and Place**

Contact department for information to register for this course.

ARCH479 **Independent Studies in Architecture**

ARCH479 Independent Studies in Architecture; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH483 **Field Archaeology**
Contact department for information to register for this course.

ARCH628 **Selected Topics in Architectural History; Architectural History**

ARCH628 *(PermReq)* **Selected Topics in Architectural History: Architectural History; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH628P **Selected Topics in Architectural History; Domestic Architecture in Pompeii**
Contact department for information to register for this course.

ARCH628Q **Selected Topics in Architectural History; Italy: Archaeological Investigations**
Contact department for information to register for this course.

ARCH628T **Selected Topics in Architectural History; History of the Turkish Architecture**
Contact department for information to register for this course.

ARCH629 **Independent Studies in Architectural History**

ARCH629 *(PermReq)* **Independent Studies in Architectural History; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH678 **Selected Topics in Architecture**

ARCH678 Selected Topics in Architecture; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH678B **Selected Topics in Architecture; History of British Architecture**

Contact department for information to register for this course.

ARCH678G **Selected Topics in Architecture; Japan: Examining Spatial Constructs Through Literature and Architecture**

Contact department for information to register for this course.

ARCH678I **Selected Topics in Architecture; Building Information Modeling in Professional Practice: Visual Communication and Collaboration**

ARCH678I Selected Topics in Architecture: Building Information Modeling in Professional Practice: Visual Communication and Collaboration; (3 credits) Grade Method: REG/AUD.

This course explores architectural practice methods related to integrated project delievery. The course explores topical issues of architectural design concept, collaboration, process and technique related to Building Information Modeling in contemporary architectural practitioners must employ to prepare for digital practice that is based on a modeled construct of architectural assemblage and simulation that transcends previous definitions of convention in design, construction and professional reprepresentation. Saturday sessions (7/16, 7/30, and 8/13) to be held at arcitectural offices in Baltimore.

0201	Kristen Ambrose	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 7:00pm - 9:30pm	ARC 1101
	Sa 9:00am - 1:00pm	Location: TBA

ARCH678K **Selected Topics in Architecture; Scandinavia: Culture and Place**

Contact department for information to register for this course.

ARCH678R **Selected Topics in Architecture; Architectual Representation**

Contact department for information to register for this course.

ARCH678V **Selected Topics in Architecture; Italy: Summer Architecture Program in Rome/Visual Analysis: The Building and the City**

Contact department for information to register for this course.

ARCH679 **Independent Studies in Architecture**

ARCH679 Independent Studies in Architecture; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH679P **Independent Studies in Architecture; Design and Architecture in St. Petersburg**
Contact department for information to register for this course.

ARCH799 **Master's Thesis Research**
Contact department for information to register for this course.

AREC Agricultural and Resource Economics — Summer 2011

AREC386 **Experiential Learning**

AREC386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

AREC399 **Special Problems**

AREC399 Special Problems; (1-2 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AREC425 **Economics of Food Sector**

AREC425 Economics of Food Sector; (3 credits) Grade Method: REG.
Corequisite: ECON306, ECON326, or equivalent. Credit will be granted for only one of the following: AREC425 or AREC489B. Formerly AREC489B. Economic analysis of food sector issues, including food safety, agricultural biotechnology, and coordination mechanisms in the food supply chain.

0101	Carolyn Dimitri	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:15pm	SYM 0215

AREC699 **Special Problems in Agricultural and Resource Economics**

AREC699 Special Problems in Agricultural and Resource Economics; (1-2 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AREC799 **Master's Thesis Research**

AREC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AREC898 **Pre-Candidacy Research**

AREC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AREC899 **Doctoral Dissertation Research**

AREC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARHU Arts and Humanities Summer 2011

ARHU269V **Special Topics in Study Abroad II; Vienna and Budapest Field Study**
Contact department for information to register for this course.

ARHU286 **Experiential Learning**

ARHU286 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: Permission of the College of Arts and Humanities. Restricted to students that have earned 12 credits at UM; 2.5 GPA. For ARHU majors only.* Designed for ARHU students who wish to complete an internship in one of the academic fields covered within the College of Arts and Humanities.

0201	Paula Nadler	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

ARHU298J **Special Problems in Arts and Humanities; Creative Writing Workshop**

ARHU298J Special Problems in Arts and Humanities: Creative Writing Workshop; (3 credits) Grade Method: REG/P-F/AUD.
Students will read great poems and stories from across cultures and engage in related writing exercises. Students will share their own original writing in a supportive workshop setting, discover new approaches to revision. "Part of the Young Scholars Program. Enrollment by permission only. Contact summer@umd. edu for further information."

YS41	Vivianne Salgado, Zein El-Amine	Seats (Total: 28)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:30am - 12:30pm	DOR 0128
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ARHU319I **Writers' House Second Year Colloquium: Form and Theory of Creative Writing; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

ARHU338 **Undergraduate Teaching Assistantship in the Writers' House**

ARHU338 *(PermReq)* **Undergraduate Teaching Assistantship in the Writers' House; (3 credits)** Grade Method: REG.

0201	Vivianne Salgado	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

ARHU386 **Experiential Learning**

ARHU386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of the College of Arts and Humanities. Junior standing.

Contact department for information to register for this course.

ARHU486 **Internship Practicum in Arts and Humanities**

ARHU486 *(PermReq)* **Internship Practicum in Arts and Humanities; (3-6 credits)** Grade Method: REG/P-F/AUD.
No more than 12 credits of internship can count toward a degree. Prerequisite: 60 or more credits completed (12 credits at U of MD), 2.5 GPA, have completed previous internship at U of MD; and permission of department (ARHU Internship Coordinator). For ARHU majors only. An internship intended for students who have already completed an internship for credit. ARHU486 must be a different experience from the internship students have already taken for credit. Generally students intern with a different company, but they may continue working for the same company if the job is significantly different. See ARHU internship coordinator for details.

0201	Paula Nadler	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

ARTH Art History & Archaeology Summer 2011

ARTH201 **Art of the Western World after 1300**

ARTH201 Art of the Western World after 1300; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Examines representative European and American works of art from the later Middle Ages to the present, highlighting the dynamic exchange between artistic and cultural traditions both within periods and across time.

0101	Mary Ginsberg	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 12:30pm - 1:50pm	ASY 3215
0201	Nicole Riesenberger	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 12:30pm - 1:50pm	ASY 3215

ARTH269B **Special Topics in Study Abroad II; Baroque to Contemporary Art**
Contact department for information to register for this course.

ARTH269P **Special Topics in Study Abroad II; Exploring the Great Art and Architecture of Prague**
Contact department for information to register for this course.

ARTH323 **Fifteenth-Century Italian Renaissance Art**

ARTH323 Fifteenth-Century Italian Renaissance Art; (3 credits) Grade Method: REG/P-F/AUD.
Painting, sculpture, architecture, and the decorative arts of the fifteenth century in Italy.

0201	Lara Langer	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 11:00am - 12:20pm	ASY 3215

ARTH324 **Sixteenth-Century Italian Renaissance Art**

ARTH324 Sixteenth-Century Italian Renaissance Art; (3 credits) Grade Method: REG/P-F/AUD.
Painting, sculpture, architecture, and the decorative arts of the sixteenth century in Italy.

0101	Steven Cody	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 11:00am - 12:20pm	ASY 3215

ARTH369I **Special Topics in Study Abroad III; Indian Art and Architecture**
Contact department for information to register for this course.

ARTH389A **Special Topics in Art History and Archaeology; The Art of Drawing: A Left and Right Brain Experience**

ARTH389A Special Topics in Art History and Archaeology: The Art of Drawing: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.

0301	Beryl Bland	Seats (Total: 10)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 12:30pm - 3:30pm	ASY 3217

ARTH389B **Special Topics in Art History and Archaeology; The Art of Color: A Left and Right Brain Experience**

ARTH389B Special Topics in Art History and Archaeology: The Art of Color: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.

0301	Beryl Bland	Seats (Total: 10)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 3:30pm - 6:30pm	ASY 2318

ARTH389E **Special Topics in Art History and Archaeology; Dark Knight and Da Vinci: Comic Books and "High" Art in the 21st Century**

ARTH389E Special Topics in Art History and Archaeology: Dark Knight and Da Vinci: Comic Books and "High" Art in the 21st Century; (3 credits) Grade Method: REG/P-F/AUD.

Comics are a hybrid medium, drawing from the realms of word and image to create new systems of meaning through visual representation. The works of contemporary creators like David Mazzucchelli, Scott McCloud, and Chris Ware, as well as mainstream superhero comics and indie comics, provide a point of entry for students to engage with comics and explore the medium's limits, possibilities, and relevance to the modern world.

0201	Abram Fox	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 2:00pm - 3:20pm	ASY 3215

ARTH389Y **Special Topics in Art History and Archaeology; Renaissance Art from Florence to Rome**
Contact department for information to register for this course.

ARTH489A **Special Topics in Art History; Steven Soderbergh and the New Hollywood Film: Form, Business and History**

ARTH489A Special Topics in Art History: Steven Soderbergh and the New Hollywood Film: Form, Business and History; (3 credits) Grade Method: REG/P-F/AUD.

New Hollywood has been around long enough for its characteristics to have emerged as its creators reconsider forms and media for storytelling and the business models for creating and distributing those stories. This course will focus on the films of Steven Soderbergh (Oceans 11; Sex, Lies and Videotape; Traffic; Erin Brokovich; Kafka; The Good German) from the perspective of reconsidering film history and reshaping film's future. Soderbergh is the focus because of his reworking of genre s of film (German Expressionism, Film Noir, New Wave, Independent, Experimental, Art, Documentary, Melodrama, Dogma, Hollywood Blockbuster,the Remake), explorations of media (Television Drama, Reality Programming, Direct to Video, Film) and professional roles (Writer, Director, Actor, Producer, Collaborator).

0101	Greg Metcalf	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:30pm	ASY 3203

ARTH498 **Directed Studies in Art History I**

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH499 **Honors Thesis**

ARTH499 *(PermReq)* **Honors Thesis; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH699 **Special Topics in Art History**

ARTH699 Special Topics in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH798 **Directed Graduate Studies in Art History**

ARTH798 Directed Graduate Studies in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH799 **Master's Thesis Research**

ARTH799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH898 **Pre-Candidacy Research**

ARTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH899 **Doctoral Dissertation Research**

ARTH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTT Art Studio Summer 2011

ARTT100 **Two-Dimensional Design Fundamentals**

ARTT100 Two-Dimensional Design Fundamentals; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: ARTT100, ARTS100, DESN101, or APDS101. Formerly ARTS100. Principles and elements of two-dimensional design. Introduction to visual communication. Students must pay a $40.00 materials fee. Students who wish to register for this section after June 6, 2011, please email summer@umd.edu.

0501	James Thorpe **Meets June 20, 2011 - July 8, 2011** MTuWTh 9:00am - 2:30pm	Seats (Total: 18) ASY 2318	

ARTT110 **Elements of Drawing I**

ARTT110 Elements of Drawing I; (3 credits) Grade Method: REG/P-F/AUD. *Formerly ARTS110.* Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects. Students must pay a $40.00 materials fee.

0101	Margo Humphrey **Meets May 31, 2011 - July 10, 2011** MTuWTh 9:00am - 11:30am	Seats (Total: 15) ASY 2317	Lab
0201	Dawn Gavin **Meets July 11, 2011 - August 21, 2011** MTuWTh 9:00am - 11:30am	Seats (Total: 15) ASY 2317	
YS41	Jeffrey Pinder **Meets July 11, 2011 - July 29, 2011** MTuWThF 9:00am - 3:00pm *This section is part of The Young Scholars Program. Enrollment by permission only.*	Seats (Total: 18) ASY 3217	

ARTT150 **Introduction to Art Theory**

ARTT150 Introduction to Art Theory; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art.

0301	Richard Klank **Meets May 31, 2011 - June 17, 2011** MTuWTh 7:00pm - 10:25pm	Seats (Total: 25) ASY 2203	
FF61	Leslie Berns **Meets August 1, 2011 - August 19, 2011** MTuWTh 12:30pm - 3:50pm	Seats (Total: 25) EDU 1315	

ARTT169P **Special Topics in Study Abroad I; Studio Art I: Drawing and Painting Italy**
Contact department for information to register for this course.

ARTT200 **Three-Dimensional Art Fundamentals**

ARTT200 Three-Dimensional Art Fundamentals; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT100 and ARTT110. Credit will be granted for only one of the following: ARTT200, ARTS200, DESN102, or APDS102. Formerly ARTS200.
Fundamental concepts of three-dimensional form and space examined through the manipulation and organization of various materials. Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 16)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 12:30pm - 3:00pm	ASY 1311	Lab

ARTT208W **Intermediate Special Topics in Art; Introduction to Watercolor and Water Based Media**

ARTT208W Intermediate Special Topics in Art: Introduction to Watercolor and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)	
	Meets May 31, 2011 - June 17, 2011		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	

ARTT210 **Elements of Drawing II**

ARTT210 Elements of Drawing II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT110. Formerly ARTS210. Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues. Students must pay a $40.00 materials fee.

0101	Margo Humphrey	Seats (Total: 8)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 9:00am - 11:30am	ASY 2321	

0201	Dawn Gavin	Seats (Total: 8)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 9:00am - 11:30am	ASY 2321	

ARTT320 **Elements of Painting**

ARTT320 Elements of Painting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Formerly ARTS320. Concepts and fundamental processes of oil and/or acrylic painting. Material fee of $40.00. Students who wish to register for this section after June 6, 2011, please email summer@umd.edu.

0201	Dawn Gavin	Seats (Total: 8)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 12:30pm - 3:00pm	ASY 3322	
0501	Timothy Horjus	Seats (Total: 10)	
	Meets June 20, 2011 - July 8, 2011		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	Lab

ARTT330 **Elements of Sculpture: Metal Casting**

ARTT330 Elements of Sculpture: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Formerly ARTS330. Sculptural concepts and fundamental processes related to metal casting. Also offered as SUMM010. Students must pay a $40.00 materials fee.

0301	Steven Jones	Seats (Total: 7)	
	Meets May 31, 2011 - June 17, 2011		
	MTuWTh 3:00pm - 7:00pm	ASY 1310	

ARTT333 **Elements of Sculpture: Wood and Mixed Media**

ARTT333 Elements of Sculpture: Wood and Mixed Media; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Sculptural concepts and fundamental processes using wood and mixed media. Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 12)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 3:00pm - 5:30pm	ASY 1311	Lab

ARTT343 **Elements of Printmaking: Screen Printing**

ARTT343 Elements of Printmaking: Screen Printing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Formerly ARTS343. Concepts and fundamental processes related to silkscreen printing. Students must pay a $40.00 materials fee.

0301	Zachary Jackson	Seats (Total: 14)	
	Meets May 31, 2011 - June 17, 2011		
	MTuWTh 10:00am - 3:00pm	ASY 1317	
0401	Alexander Peace	Seats (Total: 12)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWTh 10:00am - 3:00pm	ASY 1317	Lab

ARTT353 **Elements of Photography**

ARTT353 Elements of Photography; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Introduction to black-and-white photography. Basic technical and aesthetic vocabulary, camera mechanics and darkroom techniques. Introduction to the photographic message and meaning in both fine art and design concept. Students must pay a $40.00 materials fee.

0401	Sora Devore	Seats (Total: 10)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWTh 9:00am - 2:00pm	MMH 0401	

ARTT354 **Elements of Computer Graphics**

ARTT354 Elements of Computer Graphics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department.
Introduction to computer graphics, imaging, illustration and mixed media. Material fee of $40.00.

0301	Brandon Morse **Meets May 31, 2011 - June 17, 2011** MTuWTh 1:00pm - 6:00pm	Seats (Total: 14) ASY 3311E

ARTT369A **Special Topics in Study Abroad III; Focus: Introduction to Digital Photography as Fine Art**
Contact department for information to register for this course.

ARTT369L **Special Topics in Study Abroad III; Writing with Light**
Contact department for information to register for this course.

ARTT369T **Special Topics in Study Abroad III; Travel Photography**
Contact department for information to register for this course.

ARTT386 **Experiential Learning**

ARTT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

ARTT418 **Advanced Drawing Studio**

ARTT418 Advanced Drawing Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0101	Margo Humphrey **Meets May 31, 2011 - July 10, 2011** MTuWTh 9:00am - 11:30am	Seats (Total: 8) ASY 2321
0201	Dawn Gavin **Meets July 11, 2011 - August 21, 2011** MTuWTh 9:00am - 11:30am	Seats (Total: 8) ASY 2321

ARTT418B **Advanced Drawing Studio; Focus on Watercolor Wash**

ARTT418B Advanced Drawing Studio: Focus on Watercolor Wash; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0301	Richard Klank	Seats (Total: 18)	
	Meets May 31, 2011 - June 17, 2011		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	

ARTT428 **Advanced Painting Studio; Advance Painting**

ARTT428 Advanced Painting Studio: Advance Painting; (3 credits) Grade Method: REG/P-F/AUD.
Material fee of $40.00.Students who wish to register for this section a fter June 6, 2011, please e-mail summer@umd.edu.

0201	Dawn Gavin	Seats (Total: 5)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 12:30pm - 3:00pm	ASY 3322	
0501	Timothy Horjus	Seats (Total: 10)	
	Meets June 20, 2011 - July 8, 2011		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	Lab

ARTT428A **Advanced Painting Studio; Water Color and Water Based Media**

ARTT428A Advanced Painting Studio: Water Color and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)	
	Meets May 31, 2011 - June 17, 2011		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	

ARTT438D **Advanced Sculpture Studio; Wood and Mixed Media**

ARTT438D Advanced Sculpture Studio: Wood and Mixed Media; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 2)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 3:00pm - 5:30pm	ASY 1311	Lab

ARTT448E **Advanced Printmaking Studio; Advanced Screen Printing**

ARTT448E Advanced Printmaking Studio: Advanced Screen Printing; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0301	Zachary Jackson	Seats (Total: 8)	
	Meets May 31, 2011 - June 17, 2011		
	MTuWTh 10:00am - 3:00pm	ASY 1317	
0401	Alexander Peace	Seats (Total: 4)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWTh 10:00am - 3:00pm	ASY 1317	Lab

ARTT449 **Advanced Photography Studio**

ARTT449 Advanced Photography Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0401	Sora Devore	Seats (Total: 4)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWTh 9:00am - 2:00pm	MMH 0401	

ARTT460 **Seminar in Art Theory**
Contact department for information to register for this course.

ARTT468B **Seminar on the Interrelationship Between Art and Art Theory; Issues in Contemporary Art**

ARTT468B Seminar on the Interrelationship Between Art and Art Theory: Issues in Contemporary Art; (3 credits) Grade Method: REG/P-F/AUD.

0301	Richard Klank	Seats (Total: 20)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 7:00pm - 10:25pm	ASY 2203

ARTT489J **Advanced Special Topics in Art; Metal Casting**

ARTT489J Advanced Special Topics in Art: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Material fee of $40.00.

0301	Steven Jones	Seats (Total: 7)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 3:00pm - 7:00pm	ASY 1310

ARTT489N **Advanced Special Topics in Art; Design in Illustration**

ARTT489N Advanced Special Topics in Art: Design in Illustration; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 laboratory studio fee.

0301	James Thorpe	Seats (Total: 20)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 10:00am - 3:00pm	ASY 2318

ARTT498A **Directed Studies in Studio Art**

ARTT498A *(PermReq)* **Directed Studies in Studio Art; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $40.00 materials fee.

Contact department for information to register for this course.

ARTT698A **Directed Graduate Studies in Studio Art**

ARTT698A Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $60.00 studio lab fee.

Contact department for information to register for this course.

ARTT698B **Directed Graduate Studies in Studio Art**

ARTT698B Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Material fee of $60.00.

0205	Dawn Gavin	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

ARTT698C **Directed Graduate Studies in Studio Art**

ARTT698C Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Students must pay a $60.00 Materials fee.

0301	Steven Jones	Seats (Total: 3)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 3:00pm - 7:00pm	ASY 1310

ARTT698W **Directed Graduate Studies in Studio Art; Water Color and Water Based Media**

ARTT698W Directed Graduate Studies in Studio Art: Water Color and Water Based Media; (3 credits) Grade Method: REG/AUD.
There is a special fee of $60.00 required for this course.

0301	Richard Klank	Seats (Total: 5)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ASTR Astronomy Summer 2011

ASTR100 **Introduction to Astronomy**

ASTR100 Introduction to Astronomy; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Credit for ASTR100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. CORE Physical Science Non-Laboratory (PS) Course. Credit will be granted for only one of the following: ASTR100 or ASTR101 or ASTR120. An elementary course in descriptive astronomy, especially appropriate for non-science students. Topics include the Sun, Moon, planets, stars, and nebulae, galaxies, and evolution of the Universe.

0101	Melissa Hayes-Gehrke	Seats (Total: 40)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 9:30am - 10:50am	CSS 2400	
0201	James Hunt	Seats (Total: 20)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 9:30am - 10:50am	CSS 2400	

ASTR101 **General Astronomy**

ASTR101 General Astronomy; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Credit for ASTR101 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR100 or ASTR101 or ASTR120. Descriptive astronomy, appropriate for non-science majors. Sun, moon, planets, stars, nebulae, galaxies and evolution. Laboratory exercises include use of photographic material, computer simulations, and standard laboratory equipment. Students must pay a $50.00 Laboratory Materials fee.

0201	James Hunt	Seats (Total: 20)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 9:30am - 10:50am	CSS 2400	
	TuTh 11:00am - 1:00pm	CSS 1109	Lab

ASTR220 **Collisions in Space - The Threat of Asteroid Impacts**

ASTR220 Collisions in Space - The Threat of Asteroid Impacts; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Not open to astronomy majors. Appropriate for non-science majors. Worried? Can't sleep? Collisions in Space will evaluate the threat of asteroid impacts with the Earth using knowledge of asteroid characteristics and orbits. The merits of possible defense plans will be discussed, as well as the budgetary and political concerns associated with implementing any such plan.

0101	Melissa Hayes-Gehrke	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 11:00am - 12:20pm	CSS 2400

ASTR699 **Special Problems in Advanced Astronomy**

ASTR699 Special Problems in Advanced Astronomy; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR898 **Pre-Candidacy Research**

ASTR898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR899 **Doctoral Dissertation Research**

ASTR899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM Biochemistry Summer 2011

BCHM461 **Biochemistry I**

BCHM461 Biochemistry I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: {CHEM271 and CHEM272} or {CHEM276 and CHEM277} or {CHEM113 and CHEM241 and CHEM242}. A grade of C (2.0) or better is required in all prerequisites. Not open to students who have completed BCHM261 or BCHM463. Credit will be granted for only one of the following: BCHM261, BCHM461, or BCHM463. First semester of a comprehensive introduction to modern biochemistry. Structure, chemical properties, and function of proteins and enzymes, carbohydrates, lipids, and nucleic acids. Basic enzyme kinetics and catalytic mechanisms.

0101	Thomas Ayers	Seats (Total: 100)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 10:50am	CSS 2324

BCHM462 **Biochemistry II**

BCHM462 Biochemistry II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BCHM461. A grade of C or better in the prerequisite is required for Life Science majors and recommended for all students. Not open to students who have completed BCHM463. Credit will be granted for only one of the following: BCHM462 or BCHM463. A continuation of BCHM 461. Metabolic pathways and metabolic regulation, energy transduction in biological systems, enzyme catalytic mechanisms.

0201	Thomas Ayers	Seats (Total: 100)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 10:50am	CHM 1407

BCHM463 **Biochemistry of Physiology**

BCHM463 Biochemistry of Physiology; (3 credits) Grade Method: REG/AUD.
Prerequisite: {CHEM271 and CHEM272} or {CHEM276 and CHEM277} or {CHEM113 and CHEM241 and CHEM242}. A grade of C (2.0) or better is required in all prerequisites. Not open to students who have completed BCHM461 or BCHM462. Credit will be granted for only one of the following: BCHM463 or {BCHM461 or BCHM462}. A one-semester introduction to general biochemistry. A study of protein structure, enzyme catalysis, metabolism, and metabolic regulation with respect to their relationship to physiology.

0201	Douglas Julin	Seats (Total: 50)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 10:50am	CHM 0119

BCHM699 **Special Problems in Biochemistry**

BCHM699 Special Problems in Biochemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM799 **Master's Thesis Research**

BCHM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM898 **Pre-Candidacy Research**

BCHM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM899 **Doctoral Dissertation Research**

BCHM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE Bioengineering Summer 2011

BIOE120 **Biology for Engineers**

BIOE120 Biology for Engineers; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* Introduction to the functions and interactions of biological systems from a quantitative perspective. Introduction to the modern experimental techniques and methods of data analysis. Roles for bioengineers in biology, and the role of biology in bioengineering will be elucidated.

0201	Angela Mariani	Seats (Total: 40)	
	Meets July 11, 2011 - August 19, 2011		
	MTuWThF 1:00pm - 2:20pm	BPS 1238	

BIOE160 **Biopharmaceutical Production**

BIOE160 *(PermReq)* **Biopharmaceutical Production; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. Restricted to students in the Young Scholars Program. Credit will be granted for only one of the following: BIOE168 or BIOE160. Formerly BIOE168. Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing in a classroom setting. Students will work through a "production campaign" including all key steps of manufacturing a protein product.

YS41	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:00am - 9:50am	CHE 2108	
	MTuWThF 10:00am - 12:50pm	CHE 1203	Lab
	This is part of the Young Scholars Program. By permission only.		
YS42	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:00am - 9:50am	CHE 2108	
	MTuWThF 2:00pm - 4:50pm	CHE 1203	Lab
	Please access the Summer Programs Website for further information.		

BIOE799 **Master's Thesis Research**

BIOE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE898 **Pre-Candidacy Research**

BIOE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE899 **Doctoral Dissertation Research**

BIOE899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOM Biometrics Summer 2011

BIOM301 **Introduction to Biometrics**

BIOM301 Introduction to Biometrics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: MATH113 or MATH115. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201.* Descriptive statistics, introduction to probability, sampling, confidence interval estimation, hypothesis testing, simple regression and correlation. Emphasis on simple applications of statistical techniques and interpretation of statistical results.

0101	Frank Siewerdt **Meets May 31, 2011 - July 10, 2011** MTuThF 10:00am - 11:40am MTh 12:00pm - 1:15pm	Seats (Total: 28) ANS 0408 ANS 0473	 Discussion
0102	Frank Siewerdt **Meets May 31, 2011 - July 10, 2011** MTuThF 10:00am - 11:40am MTh 1:15pm - 2:30pm	Seats (Total: 28) ANS 0408 ANS 0473	 Discussion
0103	Frank Siewerdt **Meets May 31, 2011 - July 10, 2011** MTuThF 10:00am - 11:40am TuF 12:00pm - 1:15pm	Seats (Total: 28) ANS 0408 ANS 0473	 Discussion

BIOM698 **Special Problems in Biometrics**

BIOM698 *(PermReq)* **Special Problems in Biometrics; (1 credit)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT Business and Management Summer 2011

BMGT110 **Introduction to the Business Value Chain**

BMGT110 Introduction to the Business Value Chain; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.
Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime. Students are provided with an introduction to the business value chain with an emphasis on inter-organizational and intra-organizational coordination of core business processes. Emphasis is on cross-functional integration and the efficient and effective management of core processes with an emphasis on marketing, operations and supply chain management.

0201	Hugh Turner	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:40pm - 10:00pm	VMH 1335

BMGT220 **Principles of Accounting I**

BMGT220 Principles of Accounting I; (3 credits) Grade Method: REG.
Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.

0101	Wenjie Zhu	Seats (Total: 36)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 12:30pm - 2:15pm	VMH 1336

BMGT221 **Principles of Accounting II**

BMGT221 Principles of Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT220. Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.

0301	Gregory Pfeiffer	Seats (Total: 36)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 10:00am - 1:25pm	VMH 1412

BMGT230 **Business Statistics**

BMGT230 Business Statistics; (3 credits) Grade Method: REG.
Prerequisite: MATH113 or MATH115 or placement in MATH220 or higher. Not open to students who have completed BMGT231, ENEE324, or STAT400. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression and decision theory and the application of these concepts to problem solving in business and the application of these concepts to problem solving in business and management. This course does not meet requirements for management science and statistics majors.

0101	Francis Alt	Seats (Total: 31)
	Meets May 31, 2011 - July 10, 2011	
	MW 9:00am - 12:45pm	VMH 1335

BMGT301 **Introduction to Information Systems**

BMGT301 Introduction to Information Systems; (3 credits) Grade Method: REG.
CMSC majors will not receive credit for this course towards their upper level concentration in their CMSC major. All BMGT majors, including students who are a double major in CMCS, must complete BMGT301 for their BMGT degree. For BMGT majors only. Comprehensive overview of information systems (IS), which explores the strategic and tactical nature of IS. The basic concepts in analyzing and designing information systems for business applications will be presented. Aspects of data management such as databases, data warehousing, data analysis, and data mining will be analyzed, and the basics of web page and web site design will be outlined. Students will also be introduced to modern information systems infrastructure such as telecommunications, networks, and information systems security. Knowledge of Excel or a similar spreadsheet tool.

0101	Zeinab Karake **Meets May 31, 2011 - July 10, 2011** MW 6:15pm - 10:00pm	Seats (Total: 36) VMH 2203

BMGT311 **Intermediate Accounting II**

BMGT311 Intermediate Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT310. Continuation of BMGT310.

0101	Kendrall Hardy **Meets May 31, 2011 - July 10, 2011** MW 1:00pm - 4:45pm	Seats (Total: 36) VMH 1333

BMGT340 **Business Finance**

BMGT340 Business Finance; (3 credits) Grade Method: REG.
Prerequisites: BMGT221; and {BMGT230 or BMGT231}. Topics include: the principles and practices involved in the organization, financing and rehabilitation of business enterprises; the various types of securities and their use in raising funds, apportioning income, risk and control; intercorporate relations; and new developments. Emphasis on solution of problems of financial policy faced by management.

0101	Elinda Kiss **Meets May 31, 2011 - July 10, 2011** TuTh 5:40pm - 9:00pm	Seats (Total: 38) VMH 1333
0102	Elinda Kiss **Meets May 31, 2011 - July 10, 2011** TuTh 2:00pm - 5:20pm	Seats (Total: 38) VMH 1333

BMGT350 **Marketing Principles and Organization**

BMGT350 Marketing Principles and Organization; (3 credits) Grade Method: REG.
Prerequisite: ECON200 or ECON205. An introduction to the concepts and principles of marketing including the marketing of service and nonprofit organizations. Provides an overview of all the concepts in marketing including relationship marketing, product development, pricing, promotion, marketing research, consumer behavior, international marketing, distribution and internal marketing to employees.

0201	Roxanne Lefkoff	Seats (Total: 36)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:30pm - 9:40pm	VMH 1412

BMGT352 **Customer-Centric Innovation**
Contact department for information to register for this course.

BMGT357 **Retailing and Marketing Internship**

BMGT357 *(PermReq)* **Retailing and Marketing Internship; (3-6 credits)** Grade Method: REG.
Prerequisites: BMGT350 and permission of department. For BMGT majors only.
Supervised work experience with a firm engaged in marketing goods or services. Students apply concepts learned in marketing classes and analyze the firm's organizational structure, environment and marketing strategy. For more information on this course visit:
https://unet.rhsmith.umd.edu/undergrad/Portal/PortalHub.nsf/ID/Internshi pCredit

IN20	Mary Harms	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

BMGT360 **Strategic Management of Human Capital**

BMGT360 Strategic Management of Human Capital; (3 credits) Grade Method: REG.
Provides students with the basic knowledge needed to help organizations attract, select, develop, engage, evaluate, and retain talent. Topics covered may include strategic HRM, the role of globalization, legal issues in HRM, work analysis, HR planning, recruitment, personnel selection, performance management and appraisal, training and development, career development, compensation systems, motivating and rewarding performance, labor relations, and employee health and safety.

0101	Joo Han	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 2:00pm - 5:45pm	VMH 1335

BMGT364 **Management and Organization Theory**

BMGT364 Management and Organization Theory; (3 credits) Grade Method: REG.
The development of management and organization theory, nature of the management process and function and its future development. The role of the manager as an organizer and director, the communication process, goals and responsibilities.

0101	Gosia Langa **Meets May 31, 2011 - July 10, 2011** MW 6:15pm - 10:00pm	Seats (Total: 40) VMH 1412
0102	James Spina **Meets May 31, 2011 - July 10, 2011** TuTh 3:00pm - 6:10pm	Seats (Total: 40) VMH 1336
0201	Yuntao Dong **Meets July 11, 2011 - August 21, 2011** MW 3:00pm - 6:10pm	Seats (Total: 40) VMH 1335

BMGT373 **Supply Chain Management Internship**

BMGT373 *(PermReq)* **Supply Chain Management Internship; (3 credits)** Grade Method: REG.
Prerequisite: BMGT370 or BMGT372, and permission of department. Involves supervised work experience in supply chain management, logistics and/or transportation. Students will be expected to relate course material to work experience in an analysis of a firm's operations. For more information on this course visit: https://unet.rhsmith.umd.edu/undergrad/Portal/PortalHub.nsf/ID/Internshi pCredit

IN20	Koray Ozpolat **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 25)

BMGT380 **Business Law I**

BMGT380 Business Law I; (3 credits) Grade Method: REG.
Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.

0201	William McClenahan	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:30pm - 9:40pm	VMH 1330

BMGT386 **General Business Internship**

BMGT386 *(PermReq)* **General Business Internship; (3 credits)** Grade Method: REG.
Prerequisite: permission of department. For BMGT majors only. Supervised work experience in business. Students will be expected to relate course material to work experience in an analysis of a firm's operations. For more information on this course visit: https://unet.rhsmith.umd.edu/undergrad/Portal/PortalHub.nsf/ID/Internshi pCredit

IN20	Hugh Turner	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

BMGT392 **Introduction to International Business Management**

BMGT392 Introduction to International Business Management; (3 credits) Grade Method: REG.
Prerequisite: ECON200. A study of the domestic and foreign environmental factors affecting the international operations of U.S. business firms. The course also covers the administrative aspects of international marketing, finance and management. This course is restricted to students with 60 credit hourse completed. Pre-work Requirement: Students interested in taking this course should purchase and read as much of the textbook as soon as possible, especially Chapters 1-3 and 5-8, before the start of the course on May 23. This is required as there will be a one-hour exam on May 23, 2011 at 9:00 a.m. covering these chapters. For more information, please visit: http://www.rhsmith.umd.edu/ciber/students/courses/IntlBootcamp/2011/

0301	Vinod Jain	Seats (Total: 36)
	Meets May 23, 2011 - May 27, 2011	
	MTuWThF 8:45am - 5:00pm	DC C2
	This course will meet at the Ronald Regan Building in DC.	

BMGT398 **Individual Study in Business and Management**

BMGT398 *(PermReq)* **Individual Study in Business and Management; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT417 **Taxation of Corporations, Partnerships and Estates**

BMGT417 Taxation of Corporations, Partnerships and Estates; (3 credits) Grade Method: REG.
Prerequisite: BMGT221. Federal taxation of corporations using the life-cycle approach-formation, operation, assessment, merger, reorganization and liquidation. Overviews of pass-through entities - partnerships and s-corporations -using the life-cycle approach, and the tax consequences of wealth transfers by individuals - gift and estate taxation. Both tax planning and compliance issues are addressed.

0101	Eugene Cantor	Seats (Total: 36)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:15pm - 10:00pm	VMH 1335

BMGT422 **Auditing Theory and Practice**

BMGT422 Auditing Theory and Practice; (3 credits) Grade Method: REG.
Prerequisite: BMGT221. A study of the independent accountant's attest function, generally accepted auditing standards, compliance and substantive tests and report forms and opinions.

0101	Samuel Handwerger	Seats (Total: 36)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:30pm - 9:40pm	VMH 1336

BMGT445 **Banking and Financial Institutions**

BMGT445 Banking and Financial Institutions; (3 credits) Grade Method: REG.
Prerequisites: BMGT340. Recommended: ECON330. Analysis and discussion of cases and readings in commercial bank management. The loan function is emphasized; also the management of liquidity reserves, investments for income and source of funds. Bank objectives, functions, policies, organization, structure, services and regulation are considered.

0101	Elinda Kiss	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 5:00pm - 9:00pm	VMH 1336

BMGT455 **Sales Management**
Contact department for information to register for this course.

BMGT458G **Special Topics in Marketing; The Business of Italian Design and Culture**
Contact department for information to register for this course.

BMGT463 **Cross-cultural Challenges in Business**
Contact department for information to register for this course.

BMGT468F **Special Topics in Management and Organization; Doing Business in Spain and Germany: European Entrepreneurship**
Contact department for information to register for this course.

BMGT485 **Project Management**

BMGT485 Project Management; (3 credits) Grade Method: REG.
Prerequisite: BMGT230 or BMGT231; or equivalent. 72 semester hours. For BMGT majors only. Modern project management techniques that are used by modern practicing professionals will be covered. Particular attention is given to the management of technology based systems and projects in a business enterprise. The topics covered include: defining project scope, alignment of projects with enterprise strategy, managing project cost, time and risks using tools such as CPM/PERT, and measuring project performance.

0101	Eylem Koca	Seats (Total: 36)
	Meets May 31, 2011 - July 10, 2011	
	MW 2:00pm - 5:45pm	VMH 1330

BMGT495 **Business Policies**

BMGT495 Business Policies; (3 credits) Grade Method: REG. CORE Capstone (CS) Course.
Prerequisites: BMGT340; and BMGT350; and BMGT364. For BMGT majors only. A case study course where students apply what they have learned of general management principles and their specialized functional applications to the overall management function in the enterprise. This course is restricted to graduating BMGT majors with 90 credit hours completed.

0101	James Spina **Meets May 31, 2011 - July 10, 2011** MW 6:15pm - 10:00pm	Seats (Total: 31) VMH 1333
0201	Seth Carnahan **Meets July 11, 2011 - August 21, 2011** TuTh 6:30pm - 9:40pm	Seats (Total: 31) VMH 1336
0202	Shweta Gaonkar **Meets July 11, 2011 - August 21, 2011** MW 3:00pm - 6:10pm	Seats (Total: 31) VMH 1336

BMGT498J **Special Topics in Business and Management; The Business of Sport in Europe_Spain**
Contact department for information to register for this course.

BMGT828 **Independent Study in Business and Management**

BMGT828 *(PermReq)* **Independent Study in Business and Management; (1-9 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
By permission only of the Graduate Director.

Contact department for information to register for this course.

BMGT899 **Doctoral Dissertation Research**

BMGT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact Graduate Program Director to make arrangements.

Contact department for information to register for this course.

BSCI Biological Sciences Program Summer 2011

BSCI105 **Principles of Biology I**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

BSCI105 Principles of Biology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.

Prerequisite: Math eligibility of in MATH111 or higher. For science majors. Formerly BIOL105. Basic principles of biology with special emphasis on cellular and molecular biology. Students must pay a $40.00 laboratory materials fee.

0101	James Sniezek **Meets May 31, 2011 - July 10, 2011** TuTh 5:30pm - 8:30pm MW 11:00am - 2:00pm	Seats (Total: 22) BPS 1250 HJP 1226	 Lab
0103	James Sniezek **Meets May 31, 2011 - July 10, 2011** TuTh 5:30pm - 8:30pm MW 2:00pm - 5:00pm	Seats (Total: 22) BPS 1250 HJP 1235	 Lab
0105	James Sniezek **Meets May 31, 2011 - July 10, 2011** TuTh 5:30pm - 8:30pm MW 6:00pm - 9:00pm	Seats (Total: 22) BPS 1250 HJP 1235	 Lab
0106	James Sniezek **Meets May 31, 2011 - July 10, 2011** TuTh 5:30pm - 8:30pm MW 6:00pm - 9:00pm	Seats (Total: 22) BPS 1250 HJP 1236	 Lab

BSCI105M **Principles of Biology I**

BSCI105M *(PermReq)* **Principles of Biology I; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.

Prerequisite: Math eligibility of in MATH111 or higher. For science majors. Formerly BIOL105.

0105	James Sniezek	Seats (Total: 10)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 5:30pm - 8:30pm	BPS 1250	

BSCI106 **Principles of Biology II**

BSCI106 Principles of Biology II; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: Math eligibility or MATH111 or higher. For science majors. Formerly BIOL106. Basic principles of biology with special emphasis on organismal, ecological and evolutionary biology. Students must pay a $40.00 laboratory materials fee.

0201	Marjorie Reaka	Seats (Total: 21)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 11:00am - 12:20pm	PLS 1130	
	TuTh 8:00am - 11:00am	HJP 2104	Lab
0202	Marjorie Reaka	Seats (Total: 21)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 11:00am - 12:20pm	PLS 1130	
	TuTh 1:00pm - 4:00pm	HJP 2104	Lab

BSCI106M **Principles of Biology II**

BSCI106M *(PermReq)* **Principles of Biology II; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: Math eligibility or MATH111 or higher. For science majors. Formerly BIOL106. Permission required

0202	Marjorie Reaka	Seats (Total: 5)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 11:00am - 12:20pm	PLS 1130	

BSCI124 **Plant Biology for Non-Science Students**

BSCI124 Plant Biology for Non-Science Students; (3 credits) Grade Method: REG/P-F/AUD.
CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI 125. For non-science majors only. Not open to students who have completed BSCI105/BIOL105. Formerly PBIO100. A basic course in plant biology specifically designed for the non-science student. Emphasis is placed on an evolutionary and ecological approach to studying fundamental concepts and processes of plants, their place in the biosphere, the importance of plants to man, and the manner in which humans impact on plants and their environment. This course will not count toward graduation requirements for any student in Biological Sciences, Chemistry, Biochemistry or the College of Agriculture and Natural Resources.

0101	Edgar Moctezuma	Seats (Total: 90)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 11:00am - 12:20pm	CSS 2324	

BSCI125 **Plant Biology Laboratory**

BSCI125 Plant Biology Laboratory; (1 credit) Grade Method: REG/P-F/AUD.
CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI 124. Corequisite: 124. For non-science majors only. Not open to students who have completed BSCI105. Credit will be granted for only one of the following: BSCI105 or BSCI125. Formerly PBIO101. 'n introduction to the biology of plants with emphasis on the processes by which plants function, the diversity of plants, and the importance of plants to humans. This course will not count toward graduation requirements for any student in Biological Sciences, Chemistry, Biochemistry or the College of Agriculture and Natural Resources. CORE Lab Science. Students must pay a $40.00 laboratory materials fee.

0101	Edgar Moctezuma	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 1:00pm - 3:00pm	HJP 3127	Lab

BSCI201 **Human Anatomy and Physiology I**

BSCI201 Human Anatomy and Physiology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: BSCI105 or equivalent. Formerly ZOOL201. Anatomy and physiology of the skeletal, muscular, neural, endocrine, and sensory systems. Course not acceptable toward major requirements in Biological Sciences, Chemistry or Biochemistry. Students must pay a $40.00 Laboratory Materials fee. (Sponsoring Department: BIOL.)

0101	Justicia Opoku-Edusei **Meets May 31, 2011 - July 10, 2011** MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	Seats (Total: 24) PHY 1410 BPS 0205	 Lab
0102	Justicia Opoku-Edusei **Meets May 31, 2011 - July 10, 2011** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) PHY 1410 BPS 0205	 Lab
0103	Justicia Opoku-Edusei **Meets May 31, 2011 - July 10, 2011** MTuWTh 11:00am - 12:40pm TuWTh 4:00pm - 6:50pm	Seats (Total: 24) PHY 1410 BPS 0205	 Lab
0104	Justicia Opoku-Edusei **Meets May 31, 2011 - July 10, 2011** MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	Seats (Total: 24) PHY 1410 BPS 0201	 Lab
0105	Justicia Opoku-Edusei **Meets May 31, 2011 - July 10, 2011** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) PHY 1410 BPS 0201	 Lab

BSCI202 **Human Anatomy and Physiology II**

BSCI202 Human Anatomy and Physiology II; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI201 or permission of department. Formerly ZOOL202. Anatomy and physiology of the cardiovascular, respiratory, immune, digestive, urinary and reproductive systems. Course not acceptable toward major requirements in Biological Sciences, Chemistry or Biochemistry. Students must pay a $40.00 Laboratory Materials fee. Sponsoring Department: BIOL.

0201	Tammatha O'Brien	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 11:00am - 12:40pm	BPS 1250	
	TuWTh 8:00am - 10:50am	BPS 0205	Lab
0202	Tammatha O'Brien	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 11:00am - 12:40pm	BPS 1250	
	TuWTh 1:00pm - 3:50pm	BPS 0205	Lab
0204	Tammatha O'Brien	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 11:00am - 12:40pm	BPS 1250	
	TuWTh 8:00am - 10:50am	BPS 0201	Lab
0205	Tammatha O'Brien	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 11:00am - 12:40pm	BPS 1250	
	TuWTh 1:00pm - 3:50pm	BPS 0201	Lab

BSCI205 **Environmental Science**

BSCI205 Environmental Science; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.
Formerly PBIO235. Basic ecological principles as they relate to the ecological dilemmas of overpopulation, pollution, increasing consumption of natural resources, and deteriorating land use ethics facing mankind today. Course not acceptable toward major requirements in the College of Chemistry and Life Sciences.

0301	Michele Dudash	Seats (Total: 24)	
	Meets May 31, 2011 - June 17, 2011		
	MTuWThF 10:00am - 1:00pm	PLS 1180	

BSCI222 **Principles of Genetics**

BSCI222 Principles of Genetics; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {BSCI105 and BSCI106 and (CHEM131 and CHEM132)} or {BSCI105 and two semesters of chemistry}. Credit will be granted for only one of the following: BIOL222 or BSCI222. Formerly BIOL222.* Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.

0101	David Straney	Seats (Total: 30)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 1:00pm - 2:40pm	BPS 1250	
	TuThF 3:00pm - 5:00pm	BPS 1236	Discussion

BSCI223 **General Microbiology**

BSCI223 General Microbiology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
Prerequisite: BSCI105. Credit will be granted for only one of the following: BSCI122 or BSCI223. Formerly MICB200. Fundamental concepts in morphology, physiology, genetics, immunology, ecology, and pathogenic microbiology. Applications of microbiology to medicine, the food industry and biotechnology. Students must pay a $40.00 laboratory materials fee.

0101	Sandra Fox-Moon	Seats (Total: 14)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 11:00am - 11:50am	HJP 2242	
	MTuWThF 12:30pm - 2:30pm	HJP 2230	Lab
0102	Sandra Fox-Moon	Seats (Total: 13)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 11:00am - 11:50am	HJP 2242	
	MTuWThF 12:30pm - 2:30pm	HJP 2226	Lab
0103	Sandra Fox-Moon	Seats (Total: 13)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 11:00am - 11:50am	HJP 2242	
	MTuWThF 12:30pm - 2:30pm	HJP 3104	Lab

BSCI279 **Supplemental Study; Supplemental Study in Biology**

BSCI279 *(PermReq)* **Supplemental Study: Supplemental Study in Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
(Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI279A **Supplemental Study; Study in Australia**

Contact department for information to register for this course.

BSCI279E **Supplemental Study; Environmental Biology**

BSCI279E Supplemental Study: Environmental Biology; (3 credits) Grade Method: REG/P-F/AUD.
This Course will explore adaptation and natural selection; organismic, population, community, and ecosystem ecology; and human impact on natural systems

YS41	Karen Nelson	Seats (Total: 24)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:30am - 12:00pm	PLS 1180	
	TuTh 2:00pm - 4:30pm	PLS 1113	Discussion
	This section is part of The Young Scholars Program. Enrollment by permission only.		

BSCI279J **Supplemental Study; Dinosaurs & Beyond: The Biol of Prehistoric Life**

BSCI279J Supplemental Study: Dinosaurs & Beyond: The Biol of Prehistoric Life; (3 credits) Grade Method: REG/P-F/AUD.

YS41	Peter Panyon	Seats (Total: 22)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:30am - 12:00pm	PLS 1115	
	TuTh 2:00pm - 4:30pm	PLS 1115	Lab
	This section is part of The Young Scholars Program. Enrollment by permission only.		

BSCI289 **Off-Campus Internship**

BSCI289 *(PermReq)* **Off-Campus Internship; (1-3 credits)** Grade Method: S-F.

IN10	Katerina Thompson **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)	
IN20	Katerina Thompson **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)	

BSCI330 **Cell Biology and Physiology**

BSCI330 Cell Biology and Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: grade of C (2.0) or better in {BSCI105 and (CHEM131 and CHEM132)}. Not open to students who have completed BSCI230. Credit will be granted for only one of the following: BSCI230 or BSCI330. Formerly BSCI230.* Biochemical and physiological mechanisms underlying cellular function. Properties of cells which make life possible and mechanisms by which cells provide energy, reproduce, and regulate and integrate with each other and their environment.

0201	Julian Jenkins **Meets July 11, 2011 - August 21, 2011** MTuWTh 11:30am - 1:10pm TuWTh 8:30am - 11:20am	Seats (Total: 24) PLS 1140 BPS 0207	 Lab
0202	Julian Jenkins **Meets July 11, 2011 - August 21, 2011** MTuWTh 11:30am - 1:10pm TuWTh 8:30am - 11:20am	Seats (Total: 24) PLS 1140 BPS 0213	 Lab
0203	Julian Jenkins **Meets July 11, 2011 - August 21, 2011** MTuWTh 11:30am - 1:10pm TuWTh 1:30pm - 4:20pm	Seats (Total: 24) PLS 1140 BPS 0207	 Lab

BSCI338Z **Special Topics in Biology; Field Research**

BSCI338Z *(PermReq)* **Special Topics in Biology: Field Research; (1-4 credits)** Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 20)
SG10	Thomas Stanton **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
SG20	Thomas Stanton **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

BSCI348 **Special Topics in Cell Biology and Molecular Genetics**

BSCI348 Special Topics in Cell Biology and Molecular Genetics; (1-4 credits) Grade Method: REG/P-F/AUD.

0223	Byrn Quimby **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 1)

BSCI348R **Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

BSCI348R Special Topics in Cell Biology and Molecular Genetics: Microbiology Internship; (1-4 credits) Grade Method: REG/P-F/AUD.
Microbiology Internship. Opportunity for students to perform research, relating to microbiology in an off-campus laboratory. Permission of Instructor required. 3 credits applicable to MICB specialization area.

0101	David Straney **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 20)
0201	David Straney **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 20)

BSCI370 **Principles of Evolution**

BSCI370 Principles of Evolution; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI106. Formerly ZOOL328Q.* Understanding evolutionary processes in a natural and human environment, including adaptation; DNA sequence, protein, and genome evolution; evolution of developmental mechanisms; mechanisms of evolutionary change (mutation, natural selection, drift); epidemiology; coevolution and biological control; speciation; comparative methods; extinction and conservation; human evolution.

0301	Charles Fenster	Seats (Total: 30)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 10:00am - 1:00pm	PLS 1117

BSCI379 **Cell Biology and Molecular Genetics Department Research**

BSCI379 *(PermReq)* **Cell Biology and Molecular Genetics Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI379G **Cell Biology and Molecular Genetics Department Research; Research in Cell Biology and Molecular Genetics**

BSCI379G *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Cell Biology and Molecular Genetics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI379H **Cell Biology and Molecular Genetics Department Honors Research**

BSCI379H *(PermReq)* **Cell Biology and Molecular Genetics Department Honors Research; (1-3 credits)** Grade Method: REG.
Prerequisite: admission to departmental honors program. Repeatable to 8 credits if content differs. Formerly MICB379. Student should consult program guidelines. Research project carried out under guidance of faculty advisor.

0101	Steven Hutcheson	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

0201	Steven Hutcheson	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

BSCI379M **Cell Biology and Molecular Genetics Department Research; Research in Microbiology**

BSCI379M *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Microbiology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI379P **Cell Biology and Molecular Genetics Department Research; Research in Plant Biology**

BSCI379P *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Plant Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI389 **Entomology Department Research**

BSCI389 *(PermReq)* **Entomology Department Research; (1-2 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI399 **Biology Department Research**

BSCI399 *(PermReq)* **Biology Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Jeffrey Jensen **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 15)
0201	Jeffrey Jensen **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 20)

BSCI399H **Biology Department Honors Research**

BSCI399H *(PermReq)* **Biology Department Honors Research; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: participation in the Biology Department Honors Program. Repeatable to 8 credits if content differs. Formerly ZOOL318H. A laboratory research problem; required each semester during honors participation and culminating in an honors thesis. (Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI410 **Molecular Genetics**

BSCI410 Molecular Genetics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: BSCI222 (or equivalent) and CHEM233 or (CHEM231 and CHEM232). Formerly ZOOL446. An advanced genetics course emphasizing the molecular basis of gene structure and function in the context of modern approaches to the genetics of humans and model organisms.

0101	Byrn Quimby **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 11:00am	Seats (Total: 30) PLS 1130

BSCI414 **Recombinant DNA Laboratory**

BSCI414 Recombinant DNA Laboratory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI222. Formerly MICB453.* An advanced course offering hands-on experience in performing recombinant DNA experiments. All current molecular biology techniques used for cloning prokaryotic genes, analyzing the gene products, and modifying the genes will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory.

0201	Laura Cathcart, Sandra Fox-Moon	Seats (Total: 23)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 10:00am - 1:00pm	HJP 2230	Lab

BSCI425 **Epidemiology and Public Health**

BSCI425 Epidemiology and Public Health; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI223. Formerly MICB420. History, characteristic features of epidemiology; the important responsibilities of public health; vital statistics.

0301	Jeffrey Olimpo	Seats (Total: 23)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 1:00pm - 4:00pm	PLS 1117

BSCI433 **Biology of Cancer**

BSCI433 Biology of Cancer; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: BSCI230 or BSCI330; and BSCI222; or permission of department. Formerly ZOOL416. Causes and consequences of neoplastic transformations at the biochemical and cellular levels. Students who wish to register for this section after July 16, 2011, plea se e-mail summer@umd.edu.

0601	Ibrahim Ades	Seats (Total: 30)
	Meets August 1, 2011 - August 19, 2011	
	MTuWThF 9:00am - 11:30am	BPS 0283

BSCI440 **Mammalian Physiology**

BSCI440 Mammalian Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisites: BSCI230 or BSCI330; and (CHEM231/CHEM232 or CHEM233); or permission of department. Formerly ZOOL422.* A study of the cardiovascular, hemopoietic, gastrointestinal, renal and respiratory systems. Chemical and endocrine regulation of physiological functions in mammals. Course does not count as an upper level lab for BIOL majors (see BSCI441).

0101	William Higgins	Seats (Total: 50)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 9:00am - 10:45am	BPS 1250	
	MTuWTh 11:00am - 12:45pm	PLS 1119	Discussion

BSCI447 **General Endocrinology**

BSCI447 General Endocrinology; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisites: BSCI230 or BSCI330; and CHEM233; and CHEM243. Formerly ZOOL426.* Functions and the functioning of the endocrine glands of animals with special reference to the vertebrates.

0201	Tammatha O'Brien	Seats (Total: 50)	
	Meets July 11, 2011 - August 21, 2011		
	MW 6:00pm - 9:20pm	BPS 1238	

BSCI493 **Medicinal and Poisonous Plants**

BSCI493 Medicinal and Poisonous Plants; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: BSCI105 and CHEM233 or 4 credit hours of biological sciences. Formerly PBIO485. A study of plants important to humans that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.

0101	Margaret Jenkins, George Bean	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 10:00am - 11:20am	HJP 1216	

BSOS Behavioral and Social Sciences Summer 2011

BSOS288I **Special Topics in Behavioral and Social Sciences; Social Science Internship Practicum**

BSOS288I *(PermReq)* **Special Topics in Behavioral and Social Sciences: Social Science Internship Practicum; (1-3 credits)** Grade Method: REG/P-F/AUD.

0110	Sue Briggs **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0201	Sue Briggs **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

BSOS302 **Civicus Capstone**

BSOS302 *(PermReq)* **Civicus Capstone; (3 credits)** Grade Method: REG.
Prerequisite: BSOS301. Sophomore standing. Capstone course required for CIVICUS citation. Supervised internship, community service, or research project on civil society topic. Application and continued study of skills and concepts, grounded in the social sciences, relevant to understanding and effectively dealing with contemporary social issues.

0201	Sue Briggs **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 3)

BSOS386 **Experiential Learning**

BSOS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

BSOS388I **Behavioral and Social Sciences Special Topics; Internship Practicum in the Social Sciences**

BSOS388I *(PermReq)* **Behavioral and Social Sciences Special Topics: Internship Practicum in the Social Sciences; (1-3 credits)** Grade Method: REG/P-F/AUD.

0110	Sue Briggs **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)

0201	Sue Briggs	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

BSOS388Q **Behavioral and Social Sciences Special Topics; Cesar Directed Study**
Contact department for information to register for this course.

BSOS388V **Behavioral and Social Sciences Special Topics; Directed Research- African American Studies**

BSOS388V Behavioral and Social Sciences Special Topics: Directed Research-African American Studies; (3 credits) Grade Method: REG/P-F/AUD.

0201	Valencia Skeeter	Seats (Total: 2)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

BSST Terrorism Studies Summer 2011

BSST288Y **Special Topics in Terrorism Studies; Terrorism and Popular Culture**

BSST288Y *(PermReq)* **Special Topics in Terrorism Studies: Terrorism and Popular Culture; (3 credits)** Grade Method: REG/P-F/AUD.

YS41	Christine Muller	Seats (Total: 24)
	Meets July 12, 2011 - July 30, 2011	
	MTuWThF 10:00am - 1:00pm	SKN 1115

BSST388A **Special Topics in Terrorism Studies; The Politics of Radicalization and De-Radicalization**

BSST388A Special Topics in Terrorism Studies: The Politics of Radicalization and De-Radicalization; (3 credits) Grade Method: REG.

What explains the radicalization and de-radicalization of political actors? Why do some groups use non-violent means to pursue their political goals, whereas others turn toward violence? Once radicalized, when are groups more likely to continue armed strategies, and when they decide to de-escalate and return to non-militant campaigns? Drawing on theories from political science and psychology, this course examines the impact and interaction of group-, domestic-, and international-level factors on the politics of radicalization and de-radicalization. To do so, the course will apply insights from the political violence literature to explore the behavior of various militant and non-militant political organizations in the Middle East and North Africa.

WB11	Agatha Hultquist	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:30pm	ONLINE
	Contact instructor or department for details.	

BSST631 **Societal Impacts of and Responses to Terrorism**

BSST631 Societal Impacts of and Responses to Terrorism; (3 credits) Grade Method: REG/AUD.
Admission to Terrrorism Analysis Graduate Certificate Program or special permission. Credit will be granted for only one of the following: BSOS631 or BSST631. Formerly BSOS631. Explores the manners in which a variety of different actors respond to both terrorist incidents and the threat of terrorism. Examines local responses to terrorist incidents; local impacts of terrorism including effects on individual and group attitudes and behaviors; policy decisions made in response to both terrorist attacks and the threat of terrorism; terrorism prevention, deterrence, interdiction, and mitigation efforts; and individual and community recovery from terrorist attacks.

ST01	Katherine Izsak	Seats (Total: 25)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

BUAC Accounting and Information Assurance — Summer 2011

BUAC743 **Financial Statement Analysis**

BUAC743 Financial Statement Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUSI610. For Majors only or permission of department. Provides students with the tools to conduct a financial statement analysis, which is part of an overall business analysis. This involves understanding and using the information that financial statements are communicating to users.

DC20	Timothy Day	Seats (Total: 40)
	Meets July 27, 2011 - August 18, 2011	
	TuTh 6:25pm - 10:00pm	DC C2

BUAC758G **Special Topics in Accounting and Information Assurance; Forensic Accounting**

BUAC758G Special Topics in Accounting and Information Assurance: Forensic Accounting; (3 credits) Grade Method: REG.

GS16	Ariel Ramirez	Seats (Total: 61)
	Meets May 21, 2011 - June 25, 2011	
	Sa 8:30am - 5:00pm	BLD2 3032
	Meets 5/21, 6/4, 6/11, 6/18, 6/25. For MS in Accounting students only.	

BUAC759 **Independent Study in Accounting and Information Assurance**

BUAC759 *(PermReq)* **Independent Study in Accounting and Information Assurance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUDT Decision and Information Technologies Summer 2011

BUDT733 **Data Mining for Business**

BUDT733 Data Mining for Business; (3 credits) Grade Method: REG. *Prerequisite: BUSI 630. Credit will be granted for only one of the following: BMGT 733 or BUDT 733. Formerly BMGT733.* Data mining techniques and their use in strategic business decision making. A hands-on course that provides an understanding of the key methods of data visualization, exploration, classification, prediction, time series forecasting, and clustering.

BA10	Herbert Edelstein	Seats (Total: 40)
	Meets June 4, 2011 - July 16, 2011	
	Sa 9:00am - 5:45pm	BA 102
	Meets 6/4, 6/11, 6/18,, 6/25, 7/9, 7/16.	

BUDT758G **Special Topics in Decision, Operations and Information Technologies; Global Sourcing and Innovation**

BUDT758G Special Topics in Decision, Operations and Information Technologies: Global Sourcing and Innovation; (2 credits) Grade Method: REG.

GS10	David McCue	Seats (Total: 35)
	Meets June 27, 2011 - July 21, 2011	
	MW 6:25pm - 10:00pm	BLD3 3202

BUDT758I **Special Topics in Decision, Operations and Information Technologies; Financial Information Systems**

BUDT758I Special Topics in Decision, Operations and Information Technologies: Financial Information Systems; (2 credits) Grade Method: REG. Students are introduced to the types and varieties of financial information and transaction processing systems used by financial services firms and financial institutions in government. These systems are considered from a business executive's perspective and does not delve into the technical details. Additionally, the issues of retention, security and confidentiality of financial information and transaction processing systems, and how these issues are dealt with by businesses, government, and through government regulation are considered. Books, business school cases and recent and historically significant articles from financial industry publications are utilized.

DC10	Barnet Corwin	Seats (Total: 35)
	Meets June 27, 2011 - July 21, 2011	
	TuTh 6:25pm - 10:00pm	DC C2

BUDT758R **Special Topics in Decision, Operations and Information Technologies; Operations and Supply Chain Strategy**

BUDT758R Special Topics in Decision, Operations and Information Technologies: Operations and Supply Chain Strategy; (2 credits) Grade Method: REG.

BA20	Kamlesh Jain	Seats (Total: 31)
	Meets July 27, 2011 - August 18, 2011	
	TuTh 6:25pm - 10:00pm	BA 101

BUDT759 **Independent Study in Decision and Information Technologies**

BUDT759 *(PermReq)* **Independent Study in Decision and Information Technologies; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUDT775 **Pricing and Revenue Management**

BUDT775 Pricing and Revenue Management; (2 credits) Grade Method: REG. *For Majors Only or permission of department. Credit will be granted for only one of the following: BUDT758D or BUDT775. Formerly BUDT758D.* Specialized course on pricing and revenue management (PRM) that provides students with tools and principles, drawn from several disciplines (Operations, Microeconomics, Decision Modeling, Statistics, Marketing, IS) to make effective pricing decisions. Topics covered include economics of pricing, strategy and tactics of PRM, pricing optimization, differentiated pricing, dynamic pricing, mark-down pricing, legal and ethical issues in models/methods used in making effective PRM decisions and managerial or organizational factors that hold the key to success in execution of PRM.

DC16	Sharon Hormby **Meets June 4, 2011 - July 16, 2011** Sa 9:00am - 3:00pm *Meets 6/4, 6/18, 6/25, 7/9, 7/16.*	Seats (Total: 35) DC C5
GS20	Sharon Hormby **Meets July 27, 2011 - August 18, 2011** MW 6:25pm - 10:00pm	Seats (Total: 35) BLD3 3202

BUFN Finance Summer 2011

BUFN750 **Valuation in Corporate Finance**

BUFN750 Valuation in Corporate Finance; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. For majors only. Credit will be granted for only one of the following: BUFN714 or BUFN750. Formerly BUFN714.* An advanced topics course in Corporate Finance dealing with valuation. Main topics will be, building pro forma statements, cost of capital, using ratios and comparables to value projects and firms, dicounted cash flow valuations, WACC and APV methods of valuation and Real Option Valuations.

DC10	Mark Taranto **Meets June 27, 2011 - July 21, 2011** MW 6:25pm - 10:00pm	Seats (Total: 35) DC C2

BUFN752 **Financial Restructuring**

BUFN752 Financial Restructuring; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. For majors only. Credit will be granted for only one of the following: BUFN716 or BUFN752. Formerly BUFN716. Focuses on identifying ways to increase firm value through corporate restructuring. Specific topics include: mergers and tender offers, spin-offs, carve-outs, divestitures, takeover defense strategies, leveraged buy-outs, and international acquisitions. Additionally, the theory, practice and empirical evidence related to each of these topics will be covered. Emphasis will be placed on valuation analysis and strategic considerations.

GS10	Bharat Jain **Meets June 27, 2011 - July 21, 2011** TuTh 6:25pm - 10:00pm	Seats (Total: 35) BLD3 3202

BUFN759 **Independent Study in Finance**

BUFN759 *(PermReq)* **Independent Study in Finance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUFN760 **Applied Equity Analysis**

BUFN760 Applied Equity Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. For Majors Only. Credit will be granted for only one of the following: BUFN702 or BUFN760. Formerly BUFN702. Students will learn to analyze equity securities using the basic EIC (Economy/Industry/Company) framework used in the financial industry, paying special attention to financial statement analysis. Students also will learn the primary valuation techniques used to estimate market values for equity securities.

BA20	Joseph Perfetti **Meets July 27, 2011 - August 18, 2011** MW 6:25pm - 10:00pm	Seats (Total: 31) BA 102
DC10	Joseph Perfetti **Meets May 31, 2011 - June 23, 2011** MW 6:25pm - 10:00pm	Seats (Total: 40) DC C2

BUFN761 **Derivative Securities**

BUFN761 Derivative Securities; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. For Majors Only. Credit will be granted for only one of the following: BUFN726 or BUFN761. Formerly BUFN726. Standard types of derivatives contracts are presented, and illustrated as to how they are used in practice. The theory of pricing these contracts is then presented in detail. The use of static and dynamic replication strategies, and the concept of no-arbitrage strategies is illustrated in numerous ways. Standard valuation techniques are covered, and standard formulas are presented. The theory is then applied to develop specific pricing and hedging strategies for various types of derivatives on different underlying assets. The management of the exposure of various risks is covered in detail as well.

DC20	Michael Durbin **Meets July 27, 2011 - August 18, 2011** MW 6:25pm - 10:00pm	Seats (Total: 40) DC C2

BUFN762 **Fixed Income Analysis**

BUFN762 Fixed Income Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. For Majors Only. Credit will be granted for only one of the following: BUFN731 or BUFN762. Formerly BUFN731. Describes important financial instruments which have market values that are sensitive to interest rate movements. Develops tools to analyze interest rate sensitivity and value fixed income securities. Defines and explains the vocabulary of the bond management business.

BA10	Mark Taranto **Meets June 1, 2011 - June 22, 2011** MW 6:25pm - 10:00pm	Seats (Total: 35) BA 102
DC16	Mark Taranto **Meets June 4, 2011 - July 16, 2011** Sa 9:00am - 3:00pm *Meets 6/4, 6/18, 6/25, 7/9, 7/16.*	Seats (Total: 35) DC C4

BUFN763 **Portfolio Management**

BUFN763 Portfolio Management; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. For Majors Only. Credit will be granted for only one of the following: BUFN700 or BUFN763. Formerly BUFN700. Provides training that is important in understanding the investment process - the buy side of the financial world. Specifically, the objective is to provide graduate-level instruction in the following topics, both in theory and in using financial markets data to test the basic theory and practice of portfolio choice and equilibrium pricing models and their implications for efficient portfolios.

GS10	Russell Wermers	Seats (Total: 35)
	Meets May 31, 2011 - June 23, 2011	
	TuTh 6:25pm - 10:00pm	BLD3 3202

BUFN766 **Financial Engineering**

BUFN766 Financial Engineering; (2 credits) Grade Method: REG.
Prerequisite: BUFN761 or BUFN726. For Majors Only. Credit will be granted for only one of the following: BUFN735 or BUFN766. Formerly BUFN735. Develop Excel and Visual Basic (VBA) models to solve problems related to portfolio management, options valuation, fixed income securities, interest rate processes, and risk management. This course thus bridges theory with the design of algorithms and models that can be directly applied in practice.

DC26	Mark Taranto	Seats (Total: 35)
	Meets July 23, 2011 - August 13, 2011	
	Sa 9:00am - 3:15pm	DC C5
	Meets 7/23, 7/30, 8/6, 8/13	

BULM Logistics, Business, and Public Policy — Summer 2011

BULM758D **Special Topics in Logistics, Business and Public Policy; Competing in Emerging Markets**

BULM758D Special Topics in Logistics, Business and Public Policy: Competing in Emerging Markets; (2 credits) Grade Method: REG.

GS20	Vinod Jain	Seats (Total: 35)
	Meets July 27, 2011 - August 18, 2011	
	TuTh 6:25pm - 10:00pm	BLD3 4202

BULM759 **Independent Study in Logistics Management**

BULM759 *(PermReq)* **Independent Study in Logistics Management; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMK Marketing Summer 2011

BUMK716 **Brand Management**

BUMK716 Brand Management; (2 credits) Grade Method: REG. *Prerequisite: BUSI650. For Majors only or permission of department.* Brand names are valuable assets for firms. Effective brand management is critical to maintaining the long-term profitability of products and services. Topics include understanding brands from the customer's perspective, building brand equity, measuring brand equity, leveraging brand equity, managing brand portfolios and managing brands over time.

DC10	Richard Newman **Meets May 31, 2011 - June 23, 2011** TuTh 6:25pm - 10:00pm	Seats (Total: 40) DC C2
GS10	Richard Newman **Meets May 31, 2011 - June 23, 2011** MW 6:25pm - 10:00pm	Seats (Total: 35) BLD3 4202

BUMK722 **Customer Equity Management**

BUMK722 Customer Equity Management; (2 credits) Grade Method: REG. *Prerequisite: BUSI650. For majors only.* Focuses on managing customers of a business, whether in B2B or B2C space, as a portfolio of equity; understanding the current and future value of customers to the business; selective acquisition, development, and retention of customers using latest developments in information technology.

DC26	Pallassana Kannan **Meets July 23, 2011 - July 30, 2011** SaSu 9:00am - 6:00pm *Meets 7/23, 7/24, 7/30*	Seats (Total: 35) DC C4

BUMK736 **Service Marketing and Management**

BUMK736 Service Marketing and Management; (2 credits) Grade Method: REG/AUD.
Cannot be repeated for 3 credits. Prerequisite: BUSI 650. Examines special challenges service marketing poses for managers because of the intangible, heterogeneous nature of the product, and the critical role of customer contact employees in service delivery. Strategies for meeting these challanges are addressed. Topics include 1) customer relationship management, 2) the design and execution of the service delivery process, 3) the development and implementation of employee customer service skills, 4) the measurement and management of critical outcome variables, such as customer satisfaction, customer equity, and customer lifetime value, and 5) the role of emerging technology in customer service.

DC20	Janet Wagner	Seats (Total: 35)
	Meets July 27, 2011 - August 18, 2011	
	MW 6:25pm - 10:00pm	DC C1

BUMK757 **Marketing Strategy**

BUMK757 Marketing Strategy; (2 credits) Grade Method: REG.
Cannot be repeated for 3 credits. Prerequisite: BUSI 650. Credit will be granted for only one of the following: BMGT 757 or BUMK 757. Formerly BMGT757. A capstone marketing course. Marketing strategies designed to manage products in selected market segments. Topics covered include competitor analysis, buyer analysis, market segments, and product strengths and weaknesses; product related issues are identified and marketing strategies developed, assessed and implemented.

BA10	Roxanne Lefkoff	Seats (Total: 35)
	Meets June 27, 2011 - July 21, 2011	
	MW 6:25pm - 10:00pm	BA 102

BUMK758O **Special Topics in Marketing; Social Media and Internet Marketing**

BUMK758O Special Topics in Marketing: Social Media and Internet Marketing; (2 credits) Grade Method: REG.

DC10	Nancy Kaplan **Meets June 27, 2011 - July 21, 2011** TuTh 6:25pm - 10:00pm	Seats (Total: 35) DC C3

BUMK758P **Special Topics in Marketing; New Product Development**

BUMK758P Special Topics in Marketing: New Product Development; (2 credits)
Grade Method: REG.
Click here for more course information.

BA20	Cynthia Gilmer **Meets July 30, 2011 - August 13, 2011** Sa 8:30am - 5:30pm *Meets 7/30, 8/6 and 8/13.*	Seats (Total: 35) BA 103
GS20	Yogesh Joshi **Meets July 27, 2011 - August 18, 2011** MW 6:25pm - 10:00pm	Seats (Total: 31) BLD3 3230

BUMK759 **Independent Study in Marketing**

BUMK759 *(PermReq)* **Independent Study in Marketing; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO Management and Organization Summer 2011

BUMO712 **Leadership Development**

Any remaining seats in BUMO courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUMO course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMB BioPark Two.

For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.

BUMO712 Leadership Development; (3 credits) Grade Method: REG. *Prerequisite: BUSI664. For BMGT majors only.* Focuses on developing skills to inspire, influence and organize others to accomplish key goals. Building on leadership theories, course includes assessment & role-playing activities, discussions, cases, and exercises to assess and develop personal capabilities.

DC10	Carol Graser	Seats (Total: 40)
	Meets May 31, 2011 - July 21, 2011	
	MW 6:30pm - 9:15pm	DC C3

BUMO714 **Executive Power and Negotiation**

Any remaining seats in BUMO courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUMO course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMAB School of Nursing.

For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.

BUMO714 Executive Power and Negotiation; (3 credits) Grade Method: REG. *Corequisite: BUMO715. For majors only. Credit will be granted for only one of the following: BUMO 714 or BMGT764. Formerly BMGT764.* Increase negotiating self-confidence and improve capacity to achieve win-win solutions to organizational problems. Improve effectiveness at finding creative solutions to conflict. Non-majors should review their registration eligibility in the statement preceding the BUMO courses.

BA10	Gosia Langa **Meets May 31, 2011 - July 21, 2011** TuTh 6:30pm - 9:15pm	Seats (Total: 40) BA 103
DC16	Gosia Langa **Meets June 4, 2011 - June 25, 2011** Sa 8:30am - 6:30pm *This section meets 6/4, 6/11, 6/18, 6/25*	Seats (Total: 40) DC C3
GS20	Cynthia Stevens **Meets July 23, 2011 - August 20, 2011** Sa 8:30am - 6:30pm *Meets 7/23, 7/30, 8/6, and 8/20.*	Seats (Total: 48) BLD3 4202

BUMO720 Organizational Change

BUMO720 Organizational Change; (3 credits) Grade Method: REG.
Prerequisite: BUSI662 or BUSI664. For BMGT majors only. Develops the fundamental change knowledge and skills of MBA students who plan to work with organizations as change agents, whether internally as managerial employees or externally as outside consultants. Draws on literatures from organizational behavior, human resource management and strategic management to identify models as prescriptions of change.

BA10	Mark Wellman	Seats (Total: 40)
	Meets June 4, 2011 - June 19, 2011	
	SaSu 8:30am - 6:30pm	BA 103
	Meets 6/4, 6/5, 6/18, 6/19.	

BUMO751 **Implementing Strategy: Organizing to Compete**

BUMO751 Implementing Strategy: Organizing to Compete; (3 credits) Grade Method: REG.
Prerequisite: completion of the MBA core requirements or permission of department. Corequisite: BUSI 690. Organizational dynamics of competitive advantage. Impact of alternative organizational structures, planning and control systems, human resource management practices, and executive leadership styles on the implementation of archetypically different strategies. Non-majors should review their registration eligibility in the statement preceding the BUMO courses.

DC16	Oliver Schlake	Seats (Total: 40)
	Meets July 9, 2011 - July 30, 2011	
	Sa 8:30am - 6:30pm	DC C2
	Meets 7/9, 7/16, 7/23, 7/30.	

BUMO752 **Strategic Growth for Emerging Companies**

BUMO752 Strategic Growth for Emerging Companies; (3 credits) Grade Method: REG.
For MBA majors only. Explores the key elements of mastering the move from being a successful small company to achieving industry significance. Supplemented by readings, video and guest speakers, the course highlights the application of practical lessons leading to strategic growth and subsequent emergence as a player.

GS10	Kenneth Gabriel **Meets June 4, 2011 - June 19, 2011** SaSu 8:30am - 6:30pm *Meets 6/4, 6/5, 6/18, 6/19.*	Seats (Total: 40) BLD3 4202

BUMO756 **Industry and Competitor Analysis**

BUMO756 Industry and Competitor Analysis; (3 credits) Grade Method: REG. *For majors only. Recommended: BUSI690. Credit will be granted for only one of the following: BMGT792 or BUMO756. Formerly BMGT792.* Conceptual framework and analytical tools for understanding the dynamics of industry structure. Impacts of past and future attractiveness of the industry on profitability. Developing and applying frameworks to devise competitive strategies in uncertain industries.

DC16	Oliver Schlake **Meets June 11, 2011 - June 26, 2011** SaSu 8:30am - 6:30pm *Meets 6/11, 6/12, 6/25, 6/26.*	Seats (Total: 40) DC C2
DC26	James Sanders **Meets July 16, 2011 - July 31, 2011** SaSu 8:30am - 6:30pm *Meets 7/16, 7/17, 7/30, 7/31.*	Seats (Total: 36) DC C6

BUMO758F **Special Topics in Management and Organization; Entrepreneurial Issues in Family and Closely-Held Businesses**

BUMO758F Special Topics in Management and Organization: Entrepreneurial Issues in Family and Closely-Held Businesses; (2 credits) Grade Method: REG. Family and closely-held businesses are the largest employer and wealth creator in the US economy. This class provides students with effective working in and advising these unique businesses. Topics addressed will include: the unique aspects of family-owned businesses, legal and financial issues,generational conflict and resolution, transitions corporate governance, use of outside advisors and specific growth strategies.

DC10	Jonathan Aberman **Meets May 31, 2011 - June 23, 2011** TuTh 6:25pm - 10:00pm	Seats (Total: 35) DC C3

BUMO758G **Special Topics in Management and Organization; Innovation Management**

BUMO758G Special Topics in Management and Organization: Innovation Management; (2 credits) Grade Method: REG.

DC20	Oliver Schlake	Seats (Total: 40)
	Meets July 27, 2011 - August 17, 2011	
	MW 6:25pm - 10:00pm	DC C3
	Click here for more course information.	

BUMO758L **Special Topics in Management and Organization; Leadership and Human Capital**

BUMO758L Special Topics in Management and Organization: Leadership and Human Capital; (3 credits) Grade Method: REG.

GS26	Karen Wouters	Seats (Total: 61)
	Meets July 16, 2011 - August 20, 2011	
	Sa 8:30am - 5:00pm	BLD2 3032
	Meets 7/16, 7/23, 7/30, 8/6, 8/13, Final 8/20	

BUMO759 **Independent Study in Management and Organization**

BUMO759 *(PermReq)* **Independent Study in Management and Organization; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUSI Part-Time MBA Program Summer 2011

BUSI611 **Managerial Accounting**

Any remaining seats in BUSI courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB- accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUSI course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMB BioPark Two

For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.

BUSI611 *(PermReq)* **Managerial Accounting; (2 credits)** Grade Method: REG. *Prerequisite: BUSI610. For BMGT majors only.* Use of accounting data in corporate planning and control. Cost-volume- profit analysis, budgeting, pricing decisions and cost data, transfer pricing, activity-based management, performance measures, and standard costing. Non-majors should review their registration eligibility in the statement preceding the BUSI courses. (Except: BUSI 611 Section 01D6, please see notes under section 01D6).

BA10	Michael Finch **Meets June 7, 2011 - July 19, 2011** Tu 6:25pm - 10:00pm	Seats (Total: 0) BA 104
DC10	Michael Finch **Meets June 1, 2011 - July 13, 2011** W 6:25pm - 10:00pm	Seats (Total: 0) DC C1
DC11	Michael Finch **Meets June 2, 2011 - July 14, 2011** Th 6:25pm - 10:00pm	Seats (Total: 0) DC C1
DC16	Michael Finch **Meets June 4, 2011 - August 13, 2011** Sa 8:45am - 1:00pm *Meets 6/4, 6/18, 6/25, 7/9, 7/16, 7/30, Final 8/13.*	Seats (Total: 0) DC C1

GS10	Michael Finch	Seats (Total: 0)
	Meets May 31, 2011 - July 18, 2011	
	M 6:25pm - 10:00pm	BLD2 3032
	The first meeting will be Tuesday 5/31 to make up for the July 4th holiday. Meets 5/31, 6/6, 6/13, 6/20, 6/27, 7/11, 7/18."	

BUSI634 **Operations Management**

BUSI634 *(PermReq)* **Operations Management; (2 credits)** Grade Method: REG. *For majors only or permission of department.* Operations management is concerned with efficient and effective design and operation of business processes for delivering products and/or services. Emphasis is given to process analysis and design, capacity management and bottlenecks, waiting lines and the impact of uncertainty in process performance, quality management, lean, six-sigma, and revenue management.

DC16	Kamlesh Jain	Seats (Total: 0)
	Meets June 4, 2011 - August 13, 2011	
	Sa 2:00pm - 6:15pm	DC C1
	Meets 6/4, 6/18, 6/25, 7/9, 7/16, 7/30, Final 8/13.	

BUSI650 **Marketing Management**

BUSI650 *(PermReq)* **Marketing Management; (2 credits)** Grade Method: REG. *For BMGT majors only.* Analysis of marketing problems and evaluation of specific marketing efforts regarding the organization's products and services, pricing activities, channel selection, and promotion strategies in both domestic and international markets.

GS14	Janet Wagner	Seats (Total: 0)
	Meets May 31, 2011 - July 12, 2011	
	Tu 6:00pm - 10:00pm	BLD3 3241
	Sa 1:30pm - 5:50pm	BLD3 3241
	Meets 5/31, 6/11, 6/14, 6/25, 6/28, 7/9, Final 7/12	

BUSI683 **The Global Economic Environment**

BUSI683 *(PermReq)* **The Global Economic Environment; (2 credits)** Grade Method: REG.
For BMGT majors only. Relationship between national and international economic environments. Determinants of output, interest rates, prices and exchange rates. Analysis of effect of economic policies (fiscal, monetary, trade, tax) on the firm and the economy. Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

BA10	Charles Olson **Meets May 31, 2011 - July 14, 2011** Th 6:25pm - 10:00pm	Seats (Total: 0) BA 104
BA14	Jahangir Boroumand **Meets June 1, 2011 - July 16, 2011** W 6:00pm - 10:00pm Sa 1:30pm - 5:30pm *Meets 6/1, 6/4, 6/15, 6/18, 6/29, 7/13, Final 7/16.*	Seats (Total: 0) BA 101 BA 101
DC10	Cristian Dezso **Meets May 31, 2011 - July 18, 2011** M 6:25pm - 10:00pm *The first meeting will be Tuesday 5/31 to make up for the July 4th holiday. Meets 5/31, 6/6, 6/13, 6/20, 6/27, 7/11, 7/18."*	Seats (Total: 0) DC C1
DC11	Cristian Dezso **Meets June 7, 2011 - July 19, 2011** Tu 6:25pm - 10:00pm	Seats (Total: 0) DC C1
GS10	Charles Olson **Meets June 1, 2011 - July 13, 2011** W 6:25pm - 10:00pm	Seats (Total: 0) BLD2 3032

BUSI690 **Strategic Management**

BUSI690 *(PermReq)* **Strategic Management; (2 credits)** Grade Method: REG. *For BMGT majors only.* Analyze and identify profit opportunities and threats in different industry and competitive environments; Analyze and identify a firm's valuable assets, resources and capabilities and how they might be protected, leveraged, and extended in the market; Learn how to organize your company to be the best prepared to adapt its strategy over time as the market environment changes; and how to use organic growth as well as mergers, acquisitions, joint ventures, alliances, and divestitures to ensure that the firm maintians the proper scale and scope to compete effectively over time.

BA14	Paulo Prochno **Meets June 4, 2011 - July 16, 2011** W 6:00pm - 10:00pm Sa 8:30am - 12:50pm *Meets 6/4, 6/8, 6/18, 6/22, 7/6, 7/16.*	Seats (Total: 0) BA 0101 BA 0101
GS14	Paulo Prochno **Meets June 7, 2011 - July 9, 2011** Tu 6:00pm - 10:00pm Sa 8:30am - 12:50pm *Meets 6/7, 6/11, 6/21, 6/25, 7/5, 7/9.*	Seats (Total: 0) BLD3 3241 BLD3 3241

BUSI698 **MBA Consulting Project**
Contact department for information to register for this course.

BUSI759 **Independent Study in Business**

BUSI759 *(PermReq)* **Independent Study in Business; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUSI761 **The Environment of International Business**

BUSI761 The Environment of International Business; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: BMGT 794 or BUSI 761. Formerly BMGT794. The international business environment as it affects company policy and procedures. In-depth analysis and comprehensive case studies of the business functions undertaken in international operations. Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

DC26	Peter Morici	Seats (Total: 40)
	Meets July 16, 2011 - August 7, 2011	
	SaSu 8:30am - 6:30pm	DC C3
	Meets 7/16, 7/17, 8/6, 8/7	

BUSI764 **Business Law for Managers**

BUSI764 Business Law for Managers; (2 credits) Grade Method: REG.
For majors only or permission of department. Credit will be granted for only one of the following: BMGT793 or BUSI764. Formerly BMGT793. Survey of United States legal institutions and processes as well as substantive areas of the law that affect business. Examination of tort and contract law, the legal forms of business organization and legal liability and major regulatory laws that affect business.

BA20	William McClenahan	Seats (Total: 35)
	Meets July 27, 2011 - August 18, 2011	
	MW 6:25pm - 10:00pm	BA 103

BUSI771 **New Venture Financing**

BUSI771 New Venture Financing; (3 credits) Grade Method: REG.
Prerequisite: BUSI640 or permission of department. Credit will be granted for only one of the following: BMGT740 or BUSI771. Formerly BMGT740. Development of skills for financing new ventures (both small and potentially large). Exploration of various funding sources. Criteria used in evaluation and decision process, including commercial banks, venture capital companies, small business investment companies, underwriters, private placement-financial consultants, mortgage bankers, and small business innovative research grants (U.S. Government). Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

DC26	Jonathan Aberman **Meets July 23, 2011 - August 13, 2011** Sa 8:30am - 6:30pm *Meets 7/23, 7/30, 8/6, 8/13*	Seats (Total: 40) DC C3

BUSI785 **Project Management in Dynamic Environments**

BUSI785 Project Management in Dynamic Environments; (2 credits) Grade Method: REG.
For majors only or permission of department. Addresses project management skills that are required by successful managers in increasingly competitive and faster-moving environments. Examines fundamental concepts of successful project management, and the technical and managerial issues, methods, and techniques.

DC20	Barnet Corwin **Meets July 27, 2011 - August 18, 2011** TuTh 6:25pm - 10:00pm	Seats (Total: 35) DC C3
DC21	Christopher White **Meets July 27, 2011 - August 18, 2011** TuTh 6:25pm - 10:00pm	Seats (Total: 35) DC C1

BUSI788Z **Introduction to Global Business Experience; Doing Business in China and India: Crafting India and China Strategies for Competitive Advantage**

BUSI788Z Introduction to Global Business Experience: Doing Business in China and India: Crafting India and China Strategies for Competitive Advantage; (1 credit) Grade Method: REG.

BA01	Sunil Mithas **Meets May 31, 2011 - July 8, 2011** Contact instructor or department for details.	Seats (Total: 25)

BUSI798N **Global Business Experience; Finland: What Makes the World's #1 Country Tick?**
Contact department for information to register for this course.

BUSI798Z **Global Business Experience; Crafting India and China Strategies for Competitive Advantage**
Contact department for information to register for this course.

BUSI799 **Masters Thesis Research**

BUSI799 *(PermReq)* **Masters Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CBMG Cell Biology & Molecular Genetics Summer 2011

CBMG699 **Special Problems in Cell Biology and Molecular Genetics**

CBMG699 *(PermReq)* **Special Problems in Cell Biology and Molecular Genetics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CBMG699E **Special Problems in Cell Biology and Molecular Genetics; Epidemiology and Public Health**

CBMG699E Special Problems in Cell Biology and Molecular Genetics: Epidemiology and Public Health; (3 credits) Grade Method: REG/AUD.

0301	Jeffrey Olimpo	Seats (Total: 2)
	Meets May 31, 2011 - August 21, 2011	
	MTuWThF 1:00pm - 4:00pm	PLS 1117

CBMG799 **Masters Thesis Research**

CBMG799 *(PermReq)* **Masters Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CBMG899 **Doctoral Dissertation Research**

CBMG899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS Criminology and Criminal Justice Summer 2011

CCJS100 **Introduction to Criminal Justice**

CCJS100 Introduction to Criminal Justice; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Formerly CJUS100. Introduction to the administration of criminal justice in a democratic society, with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement; functions and specific activities; planning and research; public relations; personnel and training; inspection and control; direction; policy formulation.

0101	Jaclyn Smith **Meets May 31, 2011 - July 10, 2011** MTuWTh 11:00am - 12:40pm	Seats (Total: 60) ASY 1213
0201	Patricia Joseph **Meets July 11, 2011 - August 21, 2011** MTuWTh 9:00am - 10:40am	Seats (Total: 36) TYD 2106
XA21	Patricia Joseph **Meets July 11, 2011 - August 21, 2011** MTuWTh 9:00am - 10:40am	Seats (Total: 14) TYD 2106

CCJS105 **Introduction to Criminology**

CCJS105 Introduction to Criminology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Formerly CRIM220. Criminal behavior and the methods of its study; causation; typologies of criminal acts and offenders; punishment, correction and incapacitation; prevention of crime.

0101	Jean McGloin **Meets May 31, 2011 - July 10, 2011** MTuWTh 9:00am - 10:40am	Seats (Total: 50) SQH 1105
0201	Melissa Rorie **Meets July 11, 2011 - August 21, 2011** MTuWTh 1:00pm - 2:40pm	Seats (Total: 36) TYD 0102

FF61	Margaret Hardy **Meets August 1, 2011 - August 19, 2011** MTuWTh 9:00am - 12:20pm	Seats (Total: 22) TLF 1101
XA21	Melissa Rorie **Meets July 11, 2011 - August 21, 2011** MTuWTh 1:00pm - 2:40pm	Seats (Total: 14) TYD 0102

CCJS200 **Statistics for Criminology and Criminal Justice**

CCJS200 *(PermReq)* **Statistics for Criminology and Criminal Justice; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CCJS100 or CCJS105, and MATH111 with a grade of C or higher. Restricted to CCJS majors. All others require permission. Permission must be obtained from the CCJS Advising Office. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, and SOCY201. Introduction to descriptive and inferential statistics, graphical techniques, and the computer analysis of criminology and criminal justice data. Basic procedures of hypothesis testing, correlation and regression analysis, and the analysis of continuous and binary dependent variables. Emphasis upon the examination of research problems and issues in criminology and criminal justice.

0101	Alan Lehman **Meets May 31, 2011 - July 10, 2011** MTuWTh 1:00pm - 2:40pm	Seats (Total: 50) LEF 2166
0201	Megan Augustyn **Meets July 11, 2011 - August 21, 2011** MTuWTh 11:00am - 12:40pm	Seats (Total: 50) TYD 2106

CCJS278A **Special Topics in Criminology and Criminal Justice; Coercive Sex and Violence in Families**

CCJS278A Special Topics in Criminology and Criminal Justice: Coercive Sex and Violence in Families; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Cortney Fisher **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 45) ONLINE

CCJS300 **Criminological and Criminal Justice Research Methods**

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CCJS100 and CCJS105; and one of the following: CCJS200 or SOCY201 or PSYC200 or ECON321 or BMGT230. Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings.

0101	Laure Brooks **Meets May 31, 2011 - July 10, 2011** MTuWTh 9:00am - 10:40am	Seats (Total: 50) LEF 2166
0201	Kathryn Zafft **Meets July 11, 2011 - August 21, 2011** MTuWTh 11:00am - 12:40pm	Seats (Total: 50) ASY 1213

CCJS320 **Introduction to Criminalistics**

CCJS320 *(PermReq)* **Introduction to Criminalistics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 and CCJS230. An introduction to modern methods used in the detection, investigation and solution of crimes. Practical analysis of evidence in a crime laboratory, including fingerprints and other impressions, firearms ID and ballistics, hairs and fibers, document examination, and use of polygraph. There are lab fees associated with this course.

0101	Thomas Mauriello **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 25) MMH 2401
0201	Thomas Mauriello **Meets July 11, 2011 - August 21, 2011** MW 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 25) MMH 2401

CCJS340 **Concepts of Law Enforcement Administration**

CCJS340 *(PermReq)* **Concepts of Law Enforcement Administration; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 or equivalent. An introduction to concepts of organization and management as these relate to law enforcement. Principles of structure, process, policy and procedure, communication and authority, division of work and organizational controls. Human element in the organization. Informal interaction and bureaucracy.

0101	Laure Brooks	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 11:00am - 12:40pm	LEF 2166

CCJS350 **Juvenile Delinquency**

CCJS350 *(PermReq)* **Juvenile Delinquency; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS105. Juvenile delinquency in relation to the general problem of crime; analysis of factors underlying juvenile delinquency; treatment and prevention; organization and social responsibility of law enforcement.

0101	Christine Roberts White	Seats (Total: 50)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 1:00pm - 2:40pm	LEF 2208

CCJS359 **Field Training in Criminology and Corrections**

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS386 **Experiential Learning**

CCJS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

CCJS398 **Law Enforcement Field Training; LAW ENFORCEMENT FIELD TRAINING**

CCJS398 *(PermReq)* **Law Enforcement Field Training: LAW ENFORCEMENT FIELD TRAINING; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS399 **Independent Study in Criminology and Criminal Justice**

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS399C **Independent Study in Criminology and Criminal Justice; Contemporary Case Law**

CCJS399C *(PermReq)* **Independent Study in Criminology and Criminal Justice: Contemporary Case Law; (1-3 credits)** Grade Method: REG/P-F/AUD.

0201	Alvin Zumbrun	Seats (Total: 40)
	Meets July 12, 2011 - August 18, 2011	
	Contact instructor or department for details.	
	This course will meet 1-3pm in LEF 2208 on the following days July 12th August 2nd, 16th, and 18th.	

CCJS451 **Crime and Delinquency Prevention**

CCJS451 Crime and Delinquency Prevention; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: CCJS105 or CCJS350 or permission of department; and CCJS300.
Methods and programs in prevention of crime and delinquency.

0201	Kathryn Kozey	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	MTuWTh 9:00am - 10:40am	TYD 0102

CCJS454 **Contemporary Criminological Theory**

CCJS454 Contemporary Criminological Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: CCJS105; and CCJS300; and CCJS350. Brief historical overview of criminological theory up to the 50's. Deviance. Labeling. Typologies. Most recent research in criminalistic subcultures and middle class delinquency. Recent proposals for "decriminalization".

0101	Amy Kamerdze	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 9:00am - 10:40am	TYD 0102

CCJS498L **Selected Topics in Criminology and Criminal Justice; Ethics and Criminal Justice**

CCJS498L Selected Topics in Criminology and Criminal Justice: Ethics and Criminal Justice; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Lisa Hoston	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

CCJS678B **Advanced Topics in Criminology and Criminal Justice; Alternatives to Criminal Processing**

CCJS678B Advanced Topics in Criminology and Criminal Justice: Alternatives to Criminal Processing; (3 credits) Grade Method: REG/AUD.

CH20	Guoping Zhang	Seats (Total: 1)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

CCJS678J **Advanced Topics in Criminology and Criminal Justice; Jurisprudence**

CCJS678J Advanced Topics in Criminology and Criminal Justice: Jurisprudence; (3 credits) Grade Method: REG/AUD.

CH02	Wanghong Liu	Seats (Total: 1)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

CCJS678P **Advanced Topics in Criminology and Criminal Justice; Criminal Processing**

Contact department for information to register for this course.

CCJS699 **Special Criminological Problems**

CCJS699 Special Criminological Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS799 **Master's Thesis Research**

CCJS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS899 **Doctoral Dissertation Research**

CCJS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHBE Chemical and Biomolecular Engineering Summer 2011

CHBE101 **Introduction to Chemical and Biomolecular Engineering**

CHBE101 Introduction to Chemical and Biomolecular Engineering; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHEM135 or equivalent. Corequisite: MATH141. For CHBE majors only or permission of department. Credit will be granted for only one of the following: CHBE101 or ENCH215. Formerly ENCH215. Introduction to methods of chemical engineering calculations and analysis. Stoichiometric relations, material and energy balances, and behavior of gases, vapors, liquids and solids. Analytical and computer methods.

0101	William Weigand	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MW 1:00pm - 4:30pm	CHE 2145

CHEM Chemistry Summer 2011

CHEM131 **Chemistry I - Fundamentals of General Chemistry**

CHEM131 Chemistry I - Fundamentals of General Chemistry; (3 credits) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently wit CHEM 132. Prerequisite: Math eligibility of MATH111 or higher. Corequisite: CHEM132. Credit will be granted for only one of the following: CHEM103, CHEM131, CHEM135, CHEM143 or CHEM146. Formerly CHEM103. An overview of the Periodic Table, inorganic substances, ionic and covalent bonding, bulk properties of materials, chemical equilibrium, and quantitative chemistry. CHEM131 is the first course in a four-semester sequence for students majoring in the sciences, other than Chemistry and Biochemistry majors.

0131	Lee Friedman **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 34) CHM 0119 CHM 1224	 Discussion
0132	Lee Friedman **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 34) CHM 0119 CHM 2201	 Discussion
0138	Natalia White **Meets May 31, 2011 - August 21, 2011** Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	Seats (Total: 24) CHM 1224 CHM 1224	 Discussion
0139	Natalia White **Meets May 31, 2011 - August 21, 2011** Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	Seats (Total: 24) CHM 1224 PLS 1158	 Discussion

CHEM132 **General Chemistry I Laboratory**

CHEM132 General Chemistry I Laboratory; (1 credit) Grade Method: REG/P-F. *CORE Physical Science Lab (PL) course only when taken concurrently with CHEM 131. Corequisite: CHEM131. Credit will be granted for only one of the following: CHEM103, CHEM132, CHEM136, CHEM143 or CHEM147. Formerly CHEM103.* Introduction to the quanitification of chemical substances, including the concept of the mole and chemical stoichiometry. Additional work involves the synthesis of ionic substances and their qualitative characterization. Must be taken concurrently with CHEM131.

0131	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 9:30am - 12:20pm	Seats (Total: 24) CHM 1110	 Lab
0132	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 9:30am - 12:20pm	Seats (Total: 24) CHM 1106	 Lab
0138	Natalia White **Meets May 31, 2011 - August 21, 2011** Th 7:30pm - 10:20pm	Seats (Total: 24) CHM 1111	 Lab
0139	Natalia White **Meets May 31, 2011 - August 21, 2011** Th 7:30pm - 10:20pm	Seats (Total: 24) CHM 1106	 Lab

CHEM231 **Organic Chemistry I**

CHEM231 Organic Chemistry I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {CHEM131 and CHEM132} or {CHEM113 or CHEM153} or {CHEM135 and CHEM136} or {CHEM146 and CHEM147}. A grade of C or better in the prerequisite is required of Life Science majors and recommended for all students. Not open to students who have completed CHEM233 or CHEM237. Credit will be granted for only one of the following: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly CHEM233.* The chemistry of carbon: aliphatic compounds, aromatic compounds, stereochemistry, arenes, halides, alcohols, esters and spectroscopy.

0171	Bonnie Dixon **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 26) CHM 1402 HBK 1112	 Discussion
0172	Bonnie Dixon **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 26) CHM 1402 JMP 2202	 Discussion
0173	Bonnie Dixon **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 26) CHM 1402 CSI 2118	 Discussion
0174	Bonnie Dixon **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 26) CHM 1402 CHM 0128	 Discussion
0178	Howard Fribush **Meets May 31, 2011 - August 21, 2011** Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	Seats (Total: 35) CHM 1228 CHM 1228	 Discussion
0271	Daniel Steffek **Meets July 11, 2011 - August 21, 2011** MTuWThF 8:00am - 9:20am TuTh 9:30am - 10:50am	Seats (Total: 28) CHM 1407 MTH 0304	 Discussion
0272	Daniel Steffek **Meets July 11, 2011 - August 21, 2011** MTuWThF 8:00am - 9:20am TuTh 9:30am - 10:50am	Seats (Total: 30) CHM 1407 CHM 0124	 Discussion

CHEM232 Organic Chemistry Laboratory I

CHEM232 Organic Chemistry Laboratory I; (1 credit) Grade Method: REG. *Prerequisite: {CHEM131 and CHEM132} or {CHEM113 or CHEM153} or {CHEM135 and CHEM136} or {CHEM146 and CHEM147}. A grade of C or better in the prerequisites is required for Life Science majors and recommended for all students. Corequisite: CHEM231. Not open to students who have completed CHEM104, CHEM233 or CHEM237. Credit will be granted for only one of the following: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly CHEM233.* Provides experience in developing some basic laboratory techniques, recrystallizaton, distillation, extraction, chromatography. Students must pay a $40.00 Laboratory Materials fee.

0171	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 9:30am - 12:20pm	Seats (Total: 18)	CHM 1360	Lab
0172	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 9:30am - 12:20pm	Seats (Total: 18)	CHM 1356	Lab
0173	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 9:30am - 12:20pm	Seats (Total: 18)	CHM 1346	Lab
0174	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 9:30am - 12:20pm	Seats (Total: 18)	CHM 1342	Lab
0178	Maryann Jones **Meets May 31, 2011 - August 21, 2011** Th 7:30pm - 10:20pm	Seats (Total: 18)	CHM 1360	Lab
0271	Maryann Jones **Meets July 11, 2011 - August 21, 2011** MWF 9:30am - 12:20pm	Seats (Total: 18)	CHM 1360	Lab
0272	Maryann Jones **Meets July 11, 2011 - August 21, 2011** MWF 9:30am - 12:20pm	Seats (Total: 18)	CHM 1356	Lab

CHEM241 **Organic Chemistry II**

CHEM241 Organic Chemistry II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {CHEM231 and CHEM232} or CHEM233 or CHEM237. A grade of C or better in the prerequisite is required for Life Science majors and recommended for all students. Not open to students who have completed CHEM243 or CHEM247. Credit will be granted for only one of the following: CHEM241, CHEM243 or CHEM247. Formerly CHEM243.* A continuation of CHEM231 with emphasis on molecular structure; substitution reactions; carbonium ions; aromaticity; synthetic processes; macromolecules.

0191	Bonnie Dixon **Meets May 31, 2011 - July 10, 2011** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1402 CHM 0127	 Discussion
0192	Bonnie Dixon **Meets May 31, 2011 - July 10, 2011** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1402 CHM 0115	 Discussion
0291	Daniel Steffek **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 30) CHM 1407 CHM 0127	 Discussion
0292	Daniel Steffek **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 27) CHM 1407 CHM 0128	 Discussion

CHEM242 **Organic Chemistry Laboratory II**

CHEM242 Organic Chemistry Laboratory II; (1 credit) Grade Method: REG. *Prerequisite: {CHEM231 and CHEM232} or CHEM233 or CHEM237. A grade of C or better in the prerequisite is required for Life Science majors or recommended for all students. Corequisite: CHEM241. Not open to students who have completed CHEM243 or CHEM247. Formerly CHEM243.* Synthetic organic chemistry through functional group manipulation, introduction to instrumentation essential to analysis and structure elucidation. Students must pay a $40.00 Laboratory Materials fee.

0191	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1326	 Lab
0192	Maryann Jones **Meets May 31, 2011 - July 10, 2011** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1330	 Lab
0291	Maryann Jones **Meets July 11, 2011 - August 21, 2011** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1302	 Lab
0292	Maryann Jones **Meets July 11, 2011 - August 21, 2011** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1308	 Lab

CHEM271 **General Chemistry and Energetics**

CHEM271 General Chemistry and Energetics; (2 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHEM241 and CHEM242; or CHEM247. A grade of C or better in the prerequisites for Life Sciences majors and recommended for all students. Corequisite: CHEM272. Not open to students who have completed CHEM113. Credit will be granted for only one of the following: CHEM113, CHEM153, CHEM271 or CHEM276. Formerly CHEM113. An introduction to the physical aspects of chemistry; chemical kinetics, thermodynamics and electrochemistry in the context of current chemistry research.

0141	Lee Friedman **Meets May 31, 2011 - July 10, 2011** MWF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 24) CHM 0119 CHM 0124	 Discussion
0142	Lee Friedman **Meets May 31, 2011 - July 10, 2011** MWF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 24) CHM 0119 CHM 0119	 Discussion

0143	Lee Friedman	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	MWF 11:00am - 12:20pm TuTh 9:30am - 10:50am	CHM 0119 PLS 1158	Discussion

CHEM272 **General Bioanalytical Chemistry Laboratory**

CHEM272 General Bioanalytical Chemistry Laboratory; (2 credits) Grade Method: REG/P-F.

Prerequisite: CHEM241 and CHEM242; or CHEM247. A grade of C or better in the prerequisites is required for Life Sciences majors and recommended for all students. Corequisite: CHEM271. Credit will be granted for only one of the following: CHEM227, CHEM272 or CHEM277. An introduction to analytical chemistry with an emphasis on bio-analytical instrumentation and techniques. Students must pay a $40.00 laboratory materials fee.

0141	Lee Friedman	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 11:00am - 12:20pm MWF 8:00am - 10:50am	CHM 0119 CHM 1112	Lab
0142	Lee Friedman	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 11:00am - 12:20pm MWF 8:00am - 10:50am	CHM 0119 CHM 1128	Lab
0143	Lee Friedman	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 11:00am - 12:20pm MWF 8:00am - 10:50am	CHM 0119 CHM 1105	Lab

CHEM398 **Special Projects**

CHEM398 Special Projects; (2 credits) Grade Method: REG/P-F/AUD.

0142	Paul Paukstelis	Seats (Total: 5)	
	Meets May 31, 2011 - July 10, 2011		
	Contact instructor or department for details.		

0189	Jacek Capala **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0242	Paul Paukstelis **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

CHEM399 **Introduction to Chemical Research**

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM399A **Introduction to Chemical Research**

CHEM399A Introduction to Chemical Research; (1-3 credits) Grade Method: REG/P-F/AUD.

0142	Paul Paukstelis **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0189	Jacek Capala **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0241	Paul Paukstelis **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

CHEM399B **Introduction to Chemical Research**

CHEM399B Introduction to Chemical Research; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Neil Blough **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)

0242	Paul Paukstelis	Seats (Total: 5)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

CHEM399C **Introduction to Chemical Research**

CHEM399C Introduction to Chemical Research; (1-3 credits) Grade Method: REG/P-F/AUD.

0142	Paul Paukstelis	Seats (Total: 5)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	Lawrence Sita	Seats (Total: 5)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

CHEM399X **Introduction to Chemical Research**

CHEM399X Introduction to Chemical Research; (3 credits) Grade Method: REG/P-F/AUD.

0101	Herman Ammon	Seats (Total: 5)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	Herman Ammon	Seats (Total: 5)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

CHEM699 **Special Problems in Chemistry**

CHEM699 Special Problems in Chemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM799 **Master's Thesis Research**

CHEM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM898 **Pre-Candidacy Research**

CHEM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F.

0101	Jacek Capala **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0102	James Edwards **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0103	Sangbok Lee **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0202	James Edwards **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

CHEM899 **Doctoral Dissertation Research**

CHEM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHIN Chinese Summer 2011

CHIN101 **Intensive Elementary Chinese I**

CHIN101 Intensive Elementary Chinese I; (6 credits) Grade Method: REG/P-F/AUD.
Non-majors admitted only after a placement interview. Introduction to speaking, reading, and writing Chinese with an emphasis on mastering the essentials of pronunciation, basic characters and structural patterns.

0101	Jianxin Cui	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MWF 9:00am - 12:00pm	JMZ 2206
	TuTh 9:00am - 12:00pm	JMZ 2206

CHIN102 **Elementary Spoken Chinese**

CHIN102 Elementary Spoken Chinese; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHIN101 or equivalent and permission of department. Non-majors admitted only after a placement interview. Continued study of grammatical patterns and vocabulary buildup with particular emphasis on conversation. May be taken in conjunction with CHIN 103.

0201	Hong Xie	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MWF 9:00am - 11:15am	JMZ 2207

CHIN103 **Elementary Written Chinese**

CHIN103 Elementary Written Chinese; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHIN101 or equivalent and permission of department. Non-majors admitted only after a placement interview. Continued study of grammatical patterns and buildup of vocabulary with particular emphasis on reading and writing. May be taken in conjunction with CHIN102.

0201	Hong Xie	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 9:00am - 12:20pm	JMZ 2207

CHIN169A **Special Topics in Study Abroad I; Elementary Chinese I**
Contact department for information to register for this course.

CHIN201 **Intermediate Spoken Chinese I**

Contact department for information to register for this course.

CHIN202 **Intermediate Written Chinese I**
Contact department for information to register for this course.

CHIN203 **Intermediate Spoken Chinese II**
Contact department for information to register for this course.

CHIN204 **Intermediate Written Chinese II**
Contact department for information to register for this course.

CHIN213 **Chinese Poetry into English: An Introduction**

CHIN213 Chinese Poetry into English: An Introduction; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.
Issues in the intercultural and interlingual interpretation of foreign literature through the study of Western translations of and scholarship on selected Chinese poets. No knowledge of Chinese required.

0101	Huichun Liang **Meets May 31, 2011 - July 10, 2011** TuWTh 9:30am - 11:45am	Seats (Total: 30) JMZ 0205
0102	Huichun Liang **Meets May 31, 2011 - July 10, 2011** TuWTh 1:00pm - 3:15pm	Seats (Total: 30) JMZ 2206

CHIN220 **Beginning Chinese Calligraphy**

CHIN220 Beginning Chinese Calligraphy; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Not open to students who have completed CHIN331. Credit will be granted for only one of the following: CHIN220 or CHIN331. Introduction to techniques, history, and culture of Chinese calligraphy. Extensive hands-on practice. Taught in English.

0301	Yuli Wang **Meets May 31, 2011 - June 17, 2011** MTuWThF 12:00pm - 3:00pm	Seats (Total: 25) JMZ 0205

CHIN269A **Special Topics in Study Abroad II; China: Exploring Confucius China**
Contact department for information to register for this course.

CHIN269B **Special Topics in Study Abroad II; Chinese Business Issues and Practices**
Contact department for information to register for this course.

CHIN269P **Special Topics in Study Abroad II; The China Phenomenon**
Contact department for information to register for this course.

CHIN269V **Special Topics in Study Abroad II; Chinese Calligraphy I**
Contact department for information to register for this course.

CHIN269Z **Special Topics in Study Abroad II; Modern Chinese Culture and Society**
Contact department for information to register for this course.

CHIN301 **Advanced Chinese I**
Contact department for information to register for this course.

CHIN302 **Advanced Chinese II**
Contact department for information to register for this course.

CLAS Classics Summer 2011

CLAS170 **Greek and Roman Mythology**

CLAS170 Greek and Roman Mythology; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
This course cannot be taken for language credit. Also offered as RELS170. Credit will be granted for only one of the following: CLAS170 or RELS170. An introduction to the mythology of ancient Greece and Rome. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.

0101	Jason Edwards	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MTh 5:00pm - 8:45pm	PAC 1815

0102	John Woods **Meets May 31, 2011 - July 10, 2011** MTuWTh 1:30pm - 3:15pm	Seats (Total: 30) TLF 1103
0201	Charlotte Malerich **Meets July 11, 2011 - August 21, 2011** MTuWTh 10:00am - 11:40am	Seats (Total: 16) SQH 1107
0202	William Proffitt **Meets July 11, 2011 - August 21, 2011** MTh 5:00pm - 8:20pm	Seats (Total: 30) SQH 1101
XA21	Charlotte Malerich **Meets July 11, 2011 - August 21, 2011** MTuWTh 10:00am - 11:40am	Seats (Total: 14) SQH 1107

CLAS171 **Classical Myths in Europe**
Contact department for information to register for this course.

CLAS280 **English Word Building From Latin and Greek**

CLAS280 English Word Building From Latin and Greek; (3 credits) Grade Method: REG/P-F/AUD.
General English vocabulary through the study of Latin and Greek roots, prefixes, suffixes, etymologies, and principles of linguistic change.

YS41	Elyse Fiorito **Meets July 11, 2011 - July 29, 2011** MTuWThF 9:00am - 12:00pm *This section is part of The Young Scholars Program. Enrollment by permission only.*	Seats (Total: 20) MMH 0108

CLAS470 **Approaches to Greek Mythology**

CLAS470 Approaches to Greek Mythology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CLAS170 or permission of department. Ancient and modern approaches to understanding Greek myth as expression of human experience, including interpretations drawn from psychology, anthropology, and comparative mythology.

0101	Gregory Staley	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MTh 5:30pm - 9:15pm	MMH 0108

CLAS499 **Independent Study in Classical Languages and Literatures**

CLAS499 *(PermReq)* **Independent Study in Classical Languages and Literatures; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS499P **Independent Study in Classical Languages and Literatures; Classical Myths in Europe: Paris**
Contact department for information to register for this course.

CLAS699 **Independent Study in Classical Civilization**

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS799 **Master's Thesis Research**

CLAS799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLFS Chemical and Life Sciences Summer 2011

CLFS001 **Life Science Assessment Test**
Contact department for information to register for this course.

CLFS608 **Seminar in Current Topics in Chemical and Life Science; Scholarly Paper**

CLFS608 *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Scholarly Paper; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact Dr. Brett Kent (bkent@umd.edu) to establish a mentor; and then contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS608A **Seminar in Current Topics in Chemical and Life Science; Independent Research**

CLFS608A *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS609D **Special Topics; Microbiology**

CLFS609D Special Topics: Microbiology; (3 credits) Grade Method: REG/AUD.

PL01	Robert Hall	Seats (Total: 20)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CLFS609E **Special Topics; Immunology**

CLFS609E Special Topics: Immunology; (3 credits) Grade Method: REG/AUD.

PL01	Carol Pontzer	Seats (Total: 30)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CLFS609J **Special Topics; Evolutionary Biology**

CLFS609J Special Topics: Evolutionary Biology; (3 credits) Grade Method: REG/AUD.

PL01	Janet Norcross, Bruce Cushing	Seats (Total: 31)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CLFS619B **Special Topics in Chemistry; Environmental Chemistry**

CLFS619B Special Topics in Chemistry: Environmental Chemistry; (1-3 credits) Grade Method: REG/AUD.

PL01	Debra Boehmler	Seats (Total: 20)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CLFS619C **Special Topics in Chemistry; Chemical Biology**

CLFS619C Special Topics in Chemistry: Chemical Biology; (3 credits) Grade Method: REG/AUD.

PL01	Emily English	Seats (Total: 20)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CLFS640 **Human Physiology**

CLFS640 Human Physiology; (3 credits) Grade Method: REG/AUD. *Prerequisite: LFSC 510, two years teaching experience, and permission of department. For Masters of LFSC majors only.* Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.

PL01	John Kapp, William Higgins	Seats (Total: 30)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CLFS710 **Experimental Biology**

CLFS710 Experimental Biology; (6 credits) Grade Method: REG/AUD. *Formerly LFSC710.* Participants develop skills in four areas of biological research while investigating a variety of biological systems. Those areas include: (1) iterative scientific methods, (2) basic laboratory techniques, (3) experimental design and analysis, and (4) critical evaluation of published research.

PL01	Bretton Kent	Seats (Total: 22)
	Meets June 20, 2011 - July 29, 2011	
	MTuWThF 8:30am - 4:30pm	HJP 2103

CLFS725 **Experimental Design**

CLFS725 Experimental Design; (2 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: LFSC 710, LFSC 719 or LFSC 725. Formerly LFSC719. Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of orginal experiments for a series of research problems.

PL01	Bretton Kent	Seats (Total: 30)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CMLT Comparative Literature Summer 2011

CMLT270 **Global Literature and Social Change**

CMLT270 Global Literature and Social Change; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.
Comparative study of literature through selected literary works from several non-Western cultures, viewed cross-culturally in light of particular social, political, and economic perspectives. Also offered as ENGL278E.

WB21	Sangeeta Ray	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

CMLT369A **Special Topics in Study Abroad III; The New Poetry of Sixteenth-Century Spain and England Contact department for information to register for this course.**

CMLT386 **Experiential Learning**

CMLT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

CMLT498L **Selected Topics in Comparative Studies; Sexuality in the Cinema**

CMLT498L Selected Topics in Comparative Studies: Sexuality in the Cinema; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ENGL329C.

0201	Eugene Robinson	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:15pm	TWS 0205

CMLT699 **Independent Study**

CMLT699 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT788 **Practicum in Comparative Studies**

CMLT788 *(PermReq)* **Practicum in Comparative Studies; (1-6 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT799 **Master's Thesis Research**

CMLT799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT899 **Doctoral Dissertation Research**

CMLT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC Computer Science Summer 2011

CMSC131 **Object-Oriented Programming I**

CMSC131 *(PermReq)* **Object-Oriented Programming I; (4 credits)** Grade Method: REG.
Corequisite: MATH140 and permission of department. Not open to students who have completed CMSC114. Introduction to programming and computer science. Emphasizes understanding and implementation of applications using object-oriented techniques. Develops skills such as program design and testing as well as implementation of programs using a graphical IDE. Programming done in Java. For CMSC majors only.

0101	Fawzi Emad	Seats (Total: 35)	
	Meets May 31, 2011 - August 9, 2011		
	MWF 11:00am - 12:20pm	CSI 1122	
	TuTh 11:00am - 12:20pm	CSI 1122	Discussion

CMSC132 **Object-Oriented Programming II**

CMSC132 *(PermReq)* **Object-Oriented Programming II; (4 credits)** Grade Method: REG.
Prerequisite: CMSC131 with a grade of C or better; or a score of 5 on the A Java AP exam; or permission of the department based on satisfactory performance on the department placement exam, MATH140 with a grade of C or better, and permission of department. Introduction to use of computers to solve problems using software engineering principles. Design, build, test, and debug medium -size software systems and learn to use relevant tools. Use object-oriented methods to create effective and efficient problem solutions. Use and implement application programming interfaces (APIs). Programming done in Java.

0101	Nelson Padua-Perez	Seats (Total: 50)	
	Meets May 31, 2011 - August 5, 2011		
	MTuTh 9:30am - 10:50am	CSI 1121	
	WF 9:30am - 10:50am	CSI 1121	Discussion

CMSC198A **Special Topics in Computer Science for Non-Majors**
Contact department for information to register for this course.

CMSC216 **Introduction to Computer Systems**

CMSC216 *(PermReq)* **Introduction to Computer Systems; (4 credits)** Grade Method: REG.
Prerequisite: A grade of C or better in both CMSC132 and MATH141. Corequisite: CMSC250. Not open to students who have completed CMSC212. Credit will be granted for only one of the following: CMSC212 or (CMSC213 and CMSC313) or CMSC216. Machine representation of data including intergers and floating point. Modern computer architectural features and their interaction with software (registers, caches). Interaction between user programs and the OS: system class, process, and thread management. Optimizing software to improve runtime performance using both compilers and hand turning.

0101	Nelson Padua-Perez	Seats (Total: 50)	
	Meets May 31, 2011 - August 19, 2011		
	MWF 12:30pm - 1:40pm	CSI 2117	
	TuTh 12:30pm - 1:40pm	CSI 2117	Discussion

CMSC250 **Discrete Structures**

CMSC250 *(PermReq)* **Discrete Structures; (4 credits)** Grade Method: REG.
Prerequisite: CMSC131 with a grade of C or better; MATH141; and permission of department. Formerly CMSC150. Fundamental mathematical concepts related to computer science, including finite and infinite sets, relations, functions, and propositional logic. Introduction to other techniques, modeling and solving problems in computer science. Introduction to permutations, combinations, graphs, and trees with selected applications.

0101	Kinga Dobolyi	Seats (Total: 40)	
	Meets May 31, 2011 - July 22, 2011		
	MWF 12:30pm - 1:50pm	CSI 2107	
	TuTh 12:30pm - 1:50pm	CSI 2107	

CMSC330 **Organization of Programming Languages**

CMSC330 *(PermReq)* **Organization of Programming Languages; (3 credits)** Grade Method: REG.
Prerequisite: CMSC212 and CMSC250: each with a grade of C (2.0) or better; and permission of department. The semantics of programming languages and their run-time organization. Several different models of languages are discussed, including procedural (e.g., C, Pascal), functional (e.g., ML, LISP), rule-based (e.g., Prolog), and object-oriented (e.g., C++, Smalltalk). Run-time structures, including dynamic versus static scope rules, storage for strings, arrays, records, and object inheritance are explored.

0101	Bryan Robbins	Seats (Total: 40)	
	Meets May 31, 2011 - August 5, 2011		
	MWF 9:30am - 10:50am	CSI 2117	
	TuTh 9:30am - 10:50am	CSI 2117	Discussion

CMSC351 **Algorithms**

CMSC351 *(PermReq)* **Algorithms; (3 credits)** Grade Method: REG.
Prerequisite: CMSC216 and CMSC250: each with a grade of C (2.0) or better; and permission of department. CMSC351 may not count as one of the required upper level CMSC courses for students who are required to have 24 upper level CMSC credits for graduation, i.e. for students who became computer science majors prior to Fall, 2002. Credit will be granted for only one of the following: CMSC251 or CMSC351. Formerly CMSC251. A systematic study of the complexity of some elementary algorithms related to sorting, graphs and trees, and combinatorics. Algorithms are analyzed using mathematical techniques to solve recurrences and summations.

0101	Clyde Kruskal	Seats (Total: 45)	
	Meets May 31, 2011 - July 12, 2011		
	MTuWThF 9:30am - 10:45am	CSI 2107	

CMSC411 **Computer Systems Architecture**

CMSC411 *(PermReq)* **Computer Systems Architecture; (3 credits)** Grade Method: REG.
Prerequisite: A grade of C or better in (CMSC311 or ENEE350) and a grade of C or better in CMSC330; and permission of department; or CMSC graduate student. Input/output processors and techniques. Intra-system communication, buses, caches. Addressing and memory hierarchies. Microprogramming, parallelism, and pipelining.

0201	Michelle Hugue **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 50) CSI 1115

CMSC420 **Data Structures**

CMSC420 *(PermReq)* **Data Structures; (3 credits)** Grade Method: REG. *Prerequisites: A grade of C or better in CMSC330 and in CMSC351; and permission of department; or CMSC graduate student.* Description, properties, and storage allocation of data structures including lists and trees. Algorithms for manipulating structures. Applications from areas such as data processing, information retrieval, symbol manipulation, and operating systems.

0101	Michelle Hugue **Meets May 31, 2011 - July 22, 2011** MTuWTh 12:30pm - 1:50pm	Seats (Total: 50) CSI 1115

CMSC498A **Selected Topics in Computer Science**

CMSC498A *(PermReq)* **Selected Topics in Computer Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC499A **Independent Undergraduate Research**

CMSC499A Independent Undergraduate Research; (1-3 credits) Grade Method: REG.

0150	Atif Memon **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 1)
0151	Jennifer Golbeck **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 1)

CMSC798 **Graduate Seminar in Computer Science**

CMSC798 Graduate Seminar in Computer Science; (1-3 credits) Grade Method: REG/AUD.

0101	Ashok Agrawala **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0102	John Aloimonos **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0103	Victor Basili **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0104	Larry Davis **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0105	Bonnie Dorr **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0106	Howard Elman **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0108	Manoj Franklin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0109	Jeffrey Foster **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0110	William Gasarch **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0112	James Hendler **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0113	Jeffrey Hollingsworth **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0114	Peter Keleher **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0115	Samir Khuller **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0119	David Mount **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0120	Dana Nau **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0121	Dianne O'Leary **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0122	Donald Perlis **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0123	Adam Porter **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0124	William Pugh **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0125	James Purtilo **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0126	James Reggia **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0127	Nicholas Roussopoulos **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0129	Hanan Samet **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0130	A.U. Shankar **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0131	Ben Shneiderman **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0133	Gilbert Stewart **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0134	Venkatramanan Subrahmanian **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0135	Chau-Wen Tseng **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0140	Ben Bederson **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0141	Amy Weinberg **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0142	Samrat Bhattacharjee **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0144	Amitabh Varshney **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0145	William Arbaugh **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0147	Ramalingam Chellappa **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0148	Aravind Srinivasan **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0149	Alan Sussman **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0150	Atif Memon **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0156	Lise Getoor **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0158	Allison Druin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0159	Francois Guimbretiere **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0160	David Jacobs **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0161	Louiqa Raschid **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0162	Michel Cukier **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0163	Michael Hicks **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0164	Jonathan Katz **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0165	Philip Resnik **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0166	Leila Defloriani **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0167	Amol Deshpande **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0168	Ramani Duraiswami **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0169	Steven Salzberg **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0170	Neil Spring **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0171	Uzi Vishkin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0175	Mihai Pop **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0178	John Horty **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0179	Michelle Hugue **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0181	Douglas Oard **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0184	Walter Cleaveland **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0185	Jimmy Lin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0186	Vibha Sazawal **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0201	Ashok Agrawala **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

0202	John Aloimonos **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0203	Victor Basili **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0204	Larry Davis **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0205	Bonnie Dorr **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0206	Howard Elman **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0208	Manoj Franklin **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0209	Jeffrey Foster **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0210	William Gasarch **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0212	James Hendler **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0213	Jeffrey Hollingsworth **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

0214	Peter Keleher **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0215	Samir Khuller **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0219	David Mount **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0220	Douglas Oard **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0222	Donald Perlis **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0223	Adam Porter **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0224	William Pugh **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0225	James Purtilo **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0226	James Reggia **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0227	Nicholas Roussopoulos **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

0229	Hanan Samet **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0230	A.U. Shankar **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0231	Ben Shneiderman **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0233	Gilbert Stewart **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0234	Venkatramanan Subrahmanian **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0235	Chau-Wen Tseng **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0240	Ben Bederson **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0241	Amy Weinberg **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0242	Samrat Bhattacharjee **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0244	Amitabh Varshney **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

0245	William Arbaugh **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0247	Ramalingam Chellappa **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0248	Aravind Srinivasan **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0249	Alan Sussman **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0250	Atif Memon **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0256	Lise Getoor **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0258	Allison Druin **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0259	Francois Guimbretiere **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0260	David Jacobs **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0261	Louiqa Raschid **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

0262	Michel Cukier **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0263	Michael Hicks **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0264	Jonathan Katz **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0265	Philip Resnik **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0266	Leila Defloriani **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0267	Amol Deshpande **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0268	Ramani Duraiswami **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0269	Steven Salzberg **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0270	Neil Spring **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0271	Uzi Vishkin **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

0275	Mihai Pop **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0278	John Horty **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0279	Michelle Hugue **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0280	Dianne O'Leary **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0284	Walter Cleaveland **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0285	Jimmy Lin **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0286	Vibha Sazawal **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

CMSC798A **Graduate Seminar in Computer Science**

CMSC798A *(PermReq)* **Graduate Seminar in Computer Science; (1 credit)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC799 **Master's Thesis Research**

CMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC898 **Pre-Candidacy Research**

CMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC899 **Doctoral Dissertation Research**

CMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM Communication Summer 2011

COMM107 **Oral Communication: Principles and Practices**

COMM107 Oral Communication: Principles and Practices; (3 credits) Grade Method: REG/P-F.
Not open to students who have completed COMM100. Credit will be granted for only one of the following: COMM100 or COMM107. A study of and practice in oral communication, including principles of interviewing, group discussion, listening, informative briefings, and persuasive speeches.

0101	Steven Cohen **Meets May 31, 2011 - July 10, 2011** TuTh 6:30pm - 9:50pm	Seats (Total: 24) PLS 1180
0102	Sean Luechtefeld **Meets May 31, 2011 - July 10, 2011** MW 6:30pm - 9:50pm	Seats (Total: 24) PLS 1117
0201	Theresa Donofrio **Meets July 11, 2011 - August 21, 2011** MW 6:30pm - 9:50pm	Seats (Total: 24) SKN 0104

COMM200 **Critical Thinking and Speaking**

COMM200 Critical Thinking and Speaking; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Theory and practice of persuasive discourse analysis and composition. Research techniques, logical and rhetorical conceptions of argument, and technical principles for persuading in public venues.

0101	Robin Scholz	Seats (Total: 24)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:20pm	PLS 1158

COMM231 **News Writing and Reporting for Public Relations**

COMM231 *(PermReq)* **News Writing and Reporting for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Limited to COMM majors with sophomore and junior standing, or permission of department. Credit will be granted for only one of the following: JOUR201, JOUR201P, JOUR231, or COMM231. Formerly JOUR231. Introduction to writing and researching news and information media for public relations; laboratory in news-gathering tools and writing techniques for public relations.

0101	Susan Simon	Seats (Total: 18)
	Meets May 31, 2011 - July 10, 2011	
	MW 2:00pm - 5:25pm	EGR 3140

COMM232 **News Editing for Public Relations**

COMM232 *(PermReq)* **News Editing for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Grade of C or better in COMM231 or equivalent and permission of department. Limited to COMM majors. Credit will be granted for only one of the following: JOUR202, JOUR202P, JOUR232, or COMM232. Formerly JOUR232. Copy editing, graphic principles and processes, news and information technologies for public relations.

0201	Melissa Janoske	Seats (Total: 18)
	Meets July 11, 2011 - August 21, 2011	
	MW 6:00pm - 9:20pm	EGR 3140

COMM250 **Introduction to Communication Inquiry**

COMM250 Introduction to Communication Inquiry; (3 credits) Grade Method: REG/P-F/AUD.
An introduction to the field of communication. Definitions, models, and contexts of communication; rhetorical theory and rhetorical criticism of discourse.

0101	Jill Underhill	Seats (Total: 70)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 10:00am - 1:20pm	TYD 2106

COMM288 **Communication Internship**

COMM288 *(PermReq)* **Communication Internship; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM298L **Selected Topics in Communication; Speak Up!: People, Publics, and You**

COMM298L Selected Topics in Communication: Speak Up!: People, Publics, and You; (3 credits) Grade Method: REG/P-F/AUD.

YS41	Leah Waks, Theresa Donofrio, Ioana Cionea	Seats (Total: 35)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:00pm	KEY 0125
	This section is part of The Young Scholars Program. Enrollment by permission only.	

COMM324 **Communication and Gender**

COMM324 Communication and Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
The creation of images of male and female, and masculine and feminine, through communication, the differences in male and female communication behaviors and styles, and the implications of those images and styles for male-female transactions.

0101	Alyssa Samek	Seats (Total: 45)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:30pm - 9:50pm	SKN 0104

0201	Lindsey Fox	Seats (Total: 45)
	Meets July 11, 2011 - August 21, 2011	
	MW 6:30pm - 9:50pm	WDS 1114

COMM330 **Argumentation and Public Policy**

COMM330 Argumentation and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Contemporary theories of argumentation with special emphasis on methods of formulating and critiquing public policy argument.

0101	Abbe Depretis	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:20pm	HBK 0103

COMM350 **Public Relations Theory**

COMM350 Public Relations Theory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Grade C or better in JOUR201, JOUR231, COMM231 or COMM250; or permission of department. For COMM majors only. Not open to students who have completed JOUR330. Credit will be granted for only one of the following: COMM350 or COMM430 or JOUR330 or JOUR530. Formerly JOUR330.* The historical development and contemporary status of public relations in business, government, associations and other organizations. Application of communication theory and social science methods to the research, planning, communication and evaluation aspects of the public relations process.

0101	Sahar Khamis	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 1:00pm - 4:20pm	SKN 0104

COMM351 **Public Relations Techniques**

COMM351 *(PermReq)* **Public Relations Techniques; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: A grade C or better in JOUR202, JOUR232 or COMM232; and COMM350. For COMM majors only. Not open to students who have completed JOUR331. Credit will be granted for only one of the following: COMM351 or JOUR331. Formerly JOUR331. The techniques of public relations, including news releases, publications and printed materials, audio-visual techniques, speeches and special events. Application of these techniques in laboratory and field projects.

0101	Rowena Briones	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MW 9:00am - 12:20pm	EGR 3140

COMM360 **The Rhetoric of Black America**

COMM360 The Rhetoric of Black America; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
An historical-critical survey of the rhetoric of Black Americans from the colonial period to the present.

0201	Artesha Taylor	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 9:00am - 12:20pm	TYD 0101

COMM371 **Communication and Digital Media**

COMM371 Communication and Digital Media; (3 credits) Grade Method: REG/P-F/AUD.
For COMM majors only. Credit will be granted for only one of the following: COMM371 and COMM398V. Formerly COMM398V. A basic introduction to communication in the digital age. Through class lectures, assignments and projects, students will learn to effectively use new media for the purpose of strategic message creation and management used in the field of communication. Students will apply the basics of visual layout skills and the principles of visual design to create messages using words and images.

01Z1	Robert Coleman	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 11:00am - 2:20pm	BLD3 3212
	This section meets at the Shady Grove campus.	

COMM386 **Experiential Learning**

COMM386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
45 hours of supervised internship per credit hour. Only 3 credits may be used to fulfill the requirements for the Communication major. Prerequisite: permission of department. Junior standing. For COMM majors only. Supervised internship experience with communication professionals. Relation of academic training to professional experience.

Contact department for information to register for this course.

COMM388 **Communication Practicum**

COMM388 *(PermReq)* **Communication Practicum; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM398 **Selected Topics in Communication**

COMM398 *(PermReq)* **Selected Topics in Communication; (3 credits)** Grade Method: REG.

0106	Leah Waks	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

COMM398P **Selected Topics in Communication; Popular Culture**

COMM398P Selected Topics in Communication: Popular Culture; (3 credits) Grade Method: REG.

0101	Ioana Cionea	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MW 10:00am - 1:20pm	SKN 0104

COMM398W **Selected Topics in Communication; Web Design**

COMM398W Selected Topics in Communication: Web Design; (3 credits) Grade Method: REG.

02Z1	Robert Coleman	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MW 2:00pm - 5:20pm	BLD3 3212
	This section meets at the Shady Grove campus.	

COMM398Z **Selected Topics in Communication; Contemporary Social Advocacy**

COMM398Z Selected Topics in Communication: Contemporary Social Advocacy; (3 credits) Grade Method: REG.

0101	William Lawson	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MW 2:00pm - 5:20pm	KEY 0103

COMM399 **Honors Thesis**

COMM399 *(PermReq)* **Honors Thesis; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM400 **Research Methods in Communication**

COMM400 Research Methods in Communication; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250 and an introductory course in statistics. For COMM majors only. Philosophy of scientific method; role of theory; research ethics; empirical research methods (measurement, sampling, design, analysis).

0101	Edward Fink	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 12:00pm - 3:20pm	SKN 1115

COMM401 **Interpreting Strategic Discourse**

COMM401 Interpreting Strategic Discourse; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. For COMM majors only. Principles and approaches for practical analysis of discourse designed to shape audience opinion.

0101	Trevor Parry-Giles	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 2:00pm - 5:25pm	HBK 0115

COMM402 **Communication Theory and Process**

COMM402 Communication Theory and Process; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. For COMM majors only. Philosophical and conceptual analysis of communication theories.

0101	David Payne	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 4:00pm - 7:20pm	KEY 0119

COMM470 **Listening**

COMM470 Listening; (3 credits) Grade Method: REG/P-F/AUD.
The principles of listening behavior.

01Z1	Andrew Wolvin	Seats (Total: 45)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:30am - 12:50pm	BLD3 4212
	This section meets at the Shady Grove campus.	

COMM482 **Intercultural Communication**
Contact department for information to register for this course.

COMM489 **Topical Research; Topical Research**

COMM489 *(PermReq)* **Topical Research: Topical Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM798 **Independent Study**

COMM798 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM799 **Master's Thesis Research**

COMM799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM898 **Pre-Candidacy Research**

COMM898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM899 **Doctoral Dissertation Research**

COMM899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CONS Sustainable Development & Conservation Biology — Summer 2011

CONS609I **Special Topics in Conservation Biology**

CONS609I Special Topics in Conservation Biology; (1 credit) Grade Method: REG/S-F.

IN01	Karen Lips	Seats (Total: 50)
	Meets May 31, 2011 - August 21, 2011	
	Contact instructor or department for details.	

CONS798 **Research Papers in Sustainable Development and Conservation Biology**

CONS798 *(PermReq)* **Research Papers in Sustainable Development and Conservation Biology; (1-4 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP College Park Scholars Program Summer 2011

CPSP239J **Individual Practicum**

CPSP239J Individual Practicum; (1-3 credits) Grade Method: REG.

0101	Kalyani Chadha	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	Kalyani Chadha	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

CPSP339P **Advanced Practicum; Public Leadership**

CPSP339P Advanced Practicum: Public Leadership; (1-3 credits) Grade Method: REG/P-F/AUD.
Restricted to College Park Scholars - Public Leadership Course

0101	David Crocker	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

CPSP379I **College Park Scholars Travel Study; India: Global Health and Development**
Contact department for information to register for this course.

CPSP379K **College Park Scholars Travel Study; UK: Liberty, Slavery and the British Empire**
Contact department for information to register for this course.

DANC Dance — Summer 2011

DANC398 **Directed Studies in Dance**
Contact department for information to register for this course.

DANC698 **Independent Study in Dance**

DANC698 Independent Study in Dance; (1-3 credits) Grade Method: REG/AUD.

0301	Instructor: TBA	Seats (Total: 2)
	Meets May 31, 2011 - June 17, 2011	
	Contact instructor or department for details.	

ECON Economics — Summer 2011

ECON200 **Principles of Micro-Economics**

ECON200 Principles of Micro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: MATH110 or placement in MATH113/MATH115/MATH111. It is recommended that students complete ECON200 before taking ECON201. Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity.

WB11	Adriana Vamosiu	Seats (Total: 55)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE
	Click here to view the course syllabus.	
WB21	Adriana Vamosiu	Seats (Total: 55)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE
	Click here to view the course syllabus.	

ECON201 **Principles of Macro-Economics**

ECON201 Principles of Macro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: MATH110 or placement in MATH113/MATH115/MATH111. It is recommended that students complete ECON200 before taking ECON201. Credit will be granted for only one of the following: ECON201 or ECON205. An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.

0102	Salem Abo Zaid **Meets May 31, 2011 - July 10, 2011** MTuW 6:00pm - 8:55pm	Seats (Total: 40) TYD 2109
0201	Matija Jancec **Meets July 11, 2011 - August 21, 2011** TuWTh 6:00pm - 8:50pm	Seats (Total: 40) TYD 2111

ECON300 **Methods and Tools for Economic Analysis**

ECON300 *(PermReq)* **Methods and Tools for Economic Analysis; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: By permission with ECON200, ECON201, and {MATH220 or MATH140} with a grade of 'C'(2.0) or better. For ECON majors only and permission of department. Not open to students who have completed MATH240 or MATH241.
Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.

0101	Justin Burkett **Meets May 31, 2011 - July 10, 2011** MW 6:30pm - 9:50pm	Seats (Total: 40) TYD 2111
0201	Ben Zou **Meets July 11, 2011 - August 21, 2011** MW 5:00pm - 8:10pm	Seats (Total: 40) TYD 0117

ECON305 **Intermediate Macroeconomic Theory and Policy**

ECON305 Intermediate Macroeconomic Theory and Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON200, ECON201, and (MATH220 or MATH140). Not open to students who have completed ECON325. ECON majors are required to take ECON325. Credit will be granted for only one of the following: ECON305 or ECON325. Analysis of the determination of national income, employment, and price levels. Discussion of consumption, investment, inflation, and government fiscal and monetary policy.

0201	Orhan Torul	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:10pm	TYD 1108

ECON306 **Intermediate Microeconomic Theory**

ECON306 Intermediate Microeconomic Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: (ECON200 or AREC250), ECON201, and (MATH220 or MATH140). Not open to students who have completed ECON326. ECON majors are required to take ECON326. Credit will be granted for only one of the following: ECON306 or ECON326. Analysis of the theories of consumer behavior and of the firm, market systems, distribution theory and the role of externalities.

0101	Orathai Sujitprapakorn	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:10pm	TYD 1114

ECON311 **American Economic History Before the Civil War**

ECON311 American Economic History Before the Civil War; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON200 and ECON201. For ECON majors only. Economic concepts are used to analyze various aspects of the founding and early history of the U.S., including the British settlement of the North American colonies, the economics of the American Revolutionary war, the writing of the Constitution, the development of financial markets, policies on public lands and the spread of western agriculture, slavery, banking, and early industrialization.

0201	Alvaro La Parra Perez **Meets July 11, 2011 - August 21, 2011** TuTh 4:00pm - 7:10pm	Seats (Total: 40) TYD 0102

ECON314 **Economic History, Development and Policy**
Contact department for information to register for this course.

ECON321 **Economic Statistics**

ECON321 Economic Statistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200, ECON201, {MATH220 or MATH140} with a grade of 'C'(2.0) or better. For ECON majors only. Not open to students who have completed BMGT230 or BMGT231 (unless with department permission). Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.

0101	Masahiro Yamada **Meets May 31, 2011 - July 10, 2011** TuTh 2:30pm - 5:40pm	Seats (Total: 40) TYD 0101
0201	Martin Schmidt **Meets July 11, 2011 - August 21, 2011** MW 4:00pm - 7:10pm	Seats (Total: 40) TYD 1114

ECON325 **Intermediate Macroeconomic Analysis**

ECON325 Intermediate Macroeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON300 with a grade of 'C' (2.0) or better. For ECON majors only. Credit will be granted for only one of the following: ECON305 (not accepted for major requirements) or ECON325. Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.

0101	Enes Sunel **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:20pm	Seats (Total: 40) TYD 0102
0201	Alvaro Pedraza **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101

ECON326 **Intermediate Microeconomic Analysis**

ECON326 Intermediate Microeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON300 with a grade of 'C' (2.0) or better. For ECON majors only. Credit will be granted for only one of the following: ECON306 (not accepted for major requirements) or ECON326. Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asymmetric information.

0101	Kristian Lopez Vargas **Meets May 31, 2011 - July 10, 2011** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101
0201	Naomi Utgoff **Meets July 11, 2011 - August 21, 2011** MW 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101

ECON330 **Money and Banking**

ECON330 Money and Banking; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200 and ECON201. The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.

0101	David McArthur **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:20pm	Seats (Total: 40) TYD 1114

0201	Mehmet Tiftik **Meets July 11, 2011 - August 21, 2011** TuTh 5:00pm - 8:10pm	Seats (Total: 40) TYD 2108

ECON340 **International Economics**

ECON340 International Economics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ECON200 and ECON201. Credit will be granted for only one of the following: ECON340 or ECON441.* Covers economic models of international transactions, exchange rates, and balance of payments. Analysis of policies of protection, devaluation, and exchange rate stabilization and their consequences.

0101	Sinem Kilic Celik **Meets May 31, 2011 - July 10, 2011** MW 2:00pm - 5:20pm	Seats (Total: 40) TYD 1114
0201	Sinem Kilic Celik **Meets July 11, 2011 - August 21, 2011** MW 9:00am - 12:10pm	Seats (Total: 40) TYD 0101

ECON386 **Experiential Learning**

ECON386 *(PermReq)* **Experiential Learning; (3 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ECON200, ECON201, and cumulative GPA of 2.75 or higher; and permission of department. Junior standing. For ECON majors only. See Department Advising Office for course eligibility, course requirements, and application information.

Contact department for information to register for this course.

ECON399 **Individual Readings and Research For Undergraduates**

ECON399 *(PermReq)* **Individual Readings and Research For Undergraduates; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: six hours of upper division economics courses.

Contact department for information to register for this course.

ECON414 **Game Theory**

ECON414 Game Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON326 with a grade of 'C' or better (or ECON306 by permission of department). For ECON majors only. Not open to students who have completed GVPT399A. Credit will be granted for only one of the following: CMSC474, ECON414 or GVPT399A. Studies the competitive and cooperative behavior that results when several parties with conflicting interests must work together. Learn how to use game theory to analyze situations of potential conflict. Applications are drawn from economics, business, and political science.

0101	Hei Chan **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:20pm	Seats (Total: 40) TYD 1102
0201	Randy Chugh **Meets July 11, 2011 - August 21, 2011** MW 5:00pm - 8:10pm	Seats (Total: 40) TYD 1102

ECON422 **Econometrics I**

ECON422 Econometrics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON321 (or STAT400) with a grade of 'C' (2.0) or better. For ECON majors only. Emphasizes the interaction between economic problems and the assumptions employed in statistical theory. Formulation, estimation, and testing of economic models, including single variable and multiple variable regression techniques, theory of identification, and issues relating to inference.

0101	Haishan Yuan **Meets May 31, 2011 - July 10, 2011** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 2111
0201	Yasin Mimir **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 1114

ECON424 **Computer Methods in Economics**

ECON424 Computer Methods in Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON325 and ECON326 (or ECON305 and ECON306 by permission of department) and ECON321 with a grade of 'C' (2.0) or better. For ECON majors only. Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.

0201	Salem Abo Zaid	Seats (Total: 38)
	Meets July 11, 2011 - August 21, 2011	
	MW 12:00pm - 3:10pm	LEF 0229
	This section will meet in computer labs 3 (LEF 0229) & 4 (LEF 0231).	

ECON454 **Public Finance and Public Policy**

ECON454 Public Finance and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON326 with a grade of 'C' (2.0) or better (or ECON306 by permission of department). For ECON majors only. Credit will be granted for only one of the following: ECON350 or ECON454. Study of welfare economics and the theory of public goods, taxation, public expenditures, benefit-cost analysis, and state and local finance. Applications of theory to current policy issues.

0101	Erin Moody	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MTuW 1:00pm - 3:15pm	TYD 2109
0201	Charles Baschnagel	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:10pm	TYD 0117

ECON470 **Theory of Labor Economics**

ECON470 Theory of Labor Economics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ECON326 with a grade of 'C' (2.0) or better (or ECON306 by permission of department). For ECON majors only. Credit will be granted for only one of the following: ECON370 or ECON470.* An analytical treatment of theories of labor markets. Marginal productivity theory of labor demand; allocation of time in household labor supply models; theory of human capital; earnings differentials; market structure and the efficiency of labor markets; the role of trade unions; discrimination; and unemployment.

0101	Maria Prada	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:20pm	TYD 0117

ECON698 **Selected Topics in Economics**

ECON698 Selected Topics in Economics; (3 credits) Grade Method: REG/AUD.

0142	John Shea	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

ECON799 **Master's Thesis Research**

ECON799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON898 **Pre-Candidacy Research**

ECON898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON899 **Doctoral Dissertation Research**

ECON899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI Curriculum and Instruction Summer 2011

EDCI397 **Principles and Methods of Teaching in Elementary Schools**

EDCI397 *(PermReq)* **Principles and Methods of Teaching in Elementary Schools; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program and 2.5 GPA. For education majors only. Teaching strategies, classroom interactive techniques, and procedures for planning and evaluating instruction in elementary schools. Emphasis on principles of effective instruction, classroom management, and adaptation of instruction for various student populations.

0301	Margaret Peterson	Seats (Total: 25)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 9:00am - 12:00pm	EDU 2212

EDCI410 **Methods I: K-12 Foreign Language Methods and Technology**

EDCI410 Methods I: K-12 Foreign Language Methods and Technology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 2.5 G.P.A.; and permission of department. Not open to students who have completed EDCI330. Credit will be granted for only one of the following: EDCI330 or EDCI410. Formerly EDCI330. The first of two sequential courses required for achieving competence in teaching a foreign language. The sequel to this course is EDCI433 (Methods II) entitled: Advanced K-12 Foreign Language Methods and Technology. EDCI410 requires on-going examination of theories relevant to language acquisition. Students will also investigate the instructional methods that reflect those theories.

IHP1	Perla Blejer	Seats (Total: 20)
	Meets June 7, 2011 - July 1, 2011	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class time/details on ELMs	ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI411 **Knowledge, Reasoning, and Learning in Science**

EDCI411 Knowledge, Reasoning, and Learning in Science; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 2.5 GPA; and permission of department. Junior standing. Credit will be granted for only one of the following: EDCI370 or EDCI411. Formerly EDCI370. For prospective science teachers. Investigations of the nature of knowledge, reasoning, and learning in middle and secondary science. Readings from cognitive science and science education research; studies of student thinking in interview and classroom observations; analyses of curricula. Includes laboratory and field experiences. Department permission required. EDCI MCERT Outreach Offering.

IHP1	Daniel Levin, Minjung Ryu, Ebony Shockley	Seats (Total: 25)
	Meets June 7, 2011 - July 1, 2011	
	MTuWTh 5:00pm - 7:45pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI MCERT Outreach Program, Departmental permission required.	

EDCI416 **Curriculum and Instruction in Secondary Education: English Speech Theatre**

EDCI416 Curriculum and Instruction in Secondary Education: English Speech Theatre; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program; 2.5 GPA; and permission of department. Credit will be granted for only one of the following: EDCI340 or EDCI416. Formerly EDCI340. An introduction for prospective middle and secondary English teachers into the basic issues, concepts, orientations, and processes that shape the teaching of English for diverse students in schools. Candidates explore their own perspectives in relation to local and national trends and develop basic teaching understanding and skills through on-campus seminars, teaching laboratory experiences, and guided field experiences.

IHP1	Peggy Wilson	Seats (Total: 25)
	Meets June 7, 2011 - July 1, 2011	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI426 **Materials and Resources in Social Studies**

EDCI426 Materials and Resources in Social Studies; (3 credits) Grade Method: REG.
Prerequisite: Admission to teacher education program; or permission of department. An exploration of the nature of knowledge and reasoning in social studies disciplines as well as how students learn social studies. Assessment and investigation of students' conceptions and misconceptions as well as their disciplinary thinking. Implications for teaching and initial lesson design. Department permission required. EDCI MCERT Outreach Offering.

IHP1	Catherine McCall **Meets June 7, 2011 - July 1, 2011** MTuWTh 5:00pm - 7:45pm Class time/details on ELMs	Seats (Total: 15) Location: TBA ONLINE
	Departmental permission required, EDCI MCERT Outreach Offering.	

EDCI432 **Issues in the Education of English Language Learners**

EDCI432 Issues in the Education of English Language Learners; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: EDCI432 or EDCI488Q. Formerly EDCI488Q. Analysis of current research, practice, trends, and public policy issues in education as they relate to English language learners in K-12 settings.

0101	Colleen Gallagher **Meets May 31, 2011 - July 10, 2011** MW 5:00pm - 8:30pm	Seats (Total: 20) EDU 0202
IHP1	Colleen Gallagher **Meets May 31, 2011 - July 7, 2011** MW 5:00pm - 8:15pm	Seats (Total: 15) Location: TBA
	Outreach offering for EDCI MCERT. Dept permission required.	

EDCI435 **Teaching English Language Learners Reading and Writing in the Secondary Content Areas**

EDCI435 Teaching English Language Learners Reading and Writing in the Secondary Content Areas; (3 credits) Grade Method: REG/P-F/AUD.
Analysis of approaches to curriculum, current research, theory, and pedagogy of reading and writing to second language students from diverse cultural and linguistic backgrounds. State Approved. Required for TESOL certification program.

IHP1	Shannon Daniel	Seats (Total: 15)
	Meets June 7, 2011 - July 1, 2011	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	EDCI MCERT Outreach Offering, Dept Permission Required.	

EDCI437 **English Grammar Pedagogy for Teachers of English Language Learners**

EDCI437 English Grammar Pedagogy for Teachers of English Language Learners; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: EDCI437 or EDCI488P. Formerly EDCI488P. Methods of teaching English grammar to English language learners. The role of teaching grammar. Effective methods and techniques for incorporating grammar in other communication activities.

0201	Suh Hwang	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MW 5:00pm - 8:15pm	EDU 0202

EDCI443 **Literature for Children and Youth**
Contact department for information to register for this course.

EDCI457 **Teaching and Learning Middle School Mathematics**

EDCI457 Teaching and Learning Middle School Mathematics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program or permission of department; 2.5 GPA; and permission of department for post-baccalaureate students. Methods of teaching and assessing the middle school mathematics curriculum. Understanding the conceptual difficulties students have in moving from whole numbers to rational numbers, additive thinking to multiplicative thinking, and arithmetic to algebra. Lesson planning and selection of technology and other materials are applied in the context of supervised tutoring of students having difficulty in middle school mathematics.

IHP1	John Seelke, Richard Hollenbeck	Seats (Total: 40)
	Meets June 7, 2011 - July 1, 2011	
	MTuWTh 5:00pm - 7:45pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI461 **Materials and Instruction for Creating Skilled and Motivated Readers, Part I**

EDCI461 *(PermReq)* **Materials and Instruction for Creating Skilled and Motivated Readers, Part I; (3 credits)** Grade Method: REG.
Prerequisite: permission of department. For Elementary Education majors only. Junior standing. Selecting, evaluating, and using a variety of materials to create skilled and motivated readers in the elementary grades; Topics include emergent literacy, vocabulary development, reading comprehension and oral reading fluency in diverse classroom settings.

0101	Ann Dromsky	Seats (Total: 27)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 1:00pm - 4:15pm	EDU 2119

EDCI463 **Reading in the Secondary School**

EDCI463 Reading in the Secondary School; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program; and 2.5 GPA; or permission of department required for post-baccalaureate students. For education majors only. Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.

0301	Pamela Segal	Seats (Total: 17)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 9:00am - 12:00pm	EDU 3236

EDCI498 **Special Problems in Teacher Education**

EDCI498 Special Problems in Teacher Education; (1-6 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI614 **Developing a Professional Portfolio**

EDCI614 Developing a Professional Portfolio; (3 credits) Grade Method: REG.
Students will examine issues of performance assessment and develop professional portfolios following the guidelines established by the National Board of Professional Teaching Standards. Drawing on the research data collected throughout their program and relying on inquiry, reflections, and analysis, they will synthesize and present the body of their teaching experience.

0101	Maria Hyler	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 4:15pm - 7:00pm	EDU 2119

EDCI633 **Teaching for Cross Cultural Communication**

EDCI633 Teaching for Cross Cultural Communication; (3 credits) Grade Method: REG.
Techniques and content for teaching in foreign language classes, and English as a second language (ESL) classes. Research and evaluation of selected aspects of a culture as basis for creating teaching materials. Department permission required. EDCI MCERT Outreach Offering, Shady Grov e.

IHP1	Howard Stein	Seats (Total: 20)
	Meets July 11, 2011 - August 7, 2011	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	Departmental Permission Required. EDCI SEC MCERT Outreach Program, Shad Grove.	
SG20	Howard Stein	Seats (Total: 10)
	Meets July 11, 2011 - August 5, 2011	
	MTuWTh 1:00pm - 4:00pm	Location: TBA

EDCI634 **Methods of Teaching ESOL**

EDCI634 Methods of Teaching ESOL; (3 credits) Grade Method: REG.
This course presents a survey of the historical and current approaches, methods, and techniques of teaching English to speakers of other languages, from grammar to translation to audiolingual and communicative approaches. Additionally, successful classroom practices that address the needs of culturally diverse and language minority students will be analyzed.

IHP1	Roberta Lavine **Meets June 6, 2011 - June 30, 2011** MTuWTh 9:00am - 12:00pm Contact instructor or department for details. *Departmental permission required. EDCI MCERT Outreach Offering, Shady G ove.*	Seats (Total: 20) Location: TBA	

EDCI643 **Teaching Language Arts in Elementary Schools**

EDCI643 Teaching Language Arts in Elementary Schools; (3 credits) Grade Method: REG/AUD.
Analysis of current issues, trends, and problems in language-arts instruction.

IHP1	Joseph McCaleb **Meets July 11, 2011 - August 5, 2011** MTuWTh 1:00pm - 4:00pm *Department permission required. EDCI MCERT Outreach Offering.*	Seats (Total: 30) Location: TBA	

EDCI653 **Problem-Solving and Innovative Thinking in the Mathematics Classroom**

EDCI653 Problem-Solving and Innovative Thinking in the Mathematics Classroom; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI352 or EDCI457 or equivalent; experience teaching mathematics K-12. Curriculum and instruction for developing thinking skills through the discipline of mathematics. This is a hybrid course designed to blend on-campus class meetings with online experiences. Class has both campus and web meetings.

0401	Lisa Bote **Meets July 11, 2011 - July 29, 2011** TuTh 9:00am - 12:30pm Class time/details on ELMs	Seats (Total: 20) EDU 2121 ONLINE	 Discussion
IHP1	Lisa Bote **Meets July 11, 2011 - July 29, 2011** Class time/details on ELMs	Seats (Total: 10) ONLINE	

EDCI655 **Teaching and Learning Algebra in the Middle School**

EDCI655 Teaching and Learning Algebra in the Middle School; (3 credits) Grade Method: REG/AUD.
Prerequisite: Admission to M.A. or M.Ed. with concentration in Mathematics Education or permission of department. Designed to enhance middle school mathematics teachers' content and pedagogical knowledge in algebra.

IHP1	Whitney Johnson	Seats (Total: 30)
	Meets June 7, 2011 - July 13, 2011	
	TuWTh 5:00pm - 8:00pm	TWS 1106
	EDCI Math Cohort. Department permission required.	

EDCI657 **Understanding and Engaging Students' Conceptions of Mathematics**

EDCI657 Understanding and Engaging Students' Conceptions of Mathematics; (3 credits) Grade Method: REG/AUD.
Prerequisite: Experience in teaching math or permission of department. Research related to K-14 students' common errors in and (mis)understandings of mathematics. Instructional strategies useful in building on errors and changing students' conceptions.

IHP1	Kara Trenkamp	Seats (Total: 30)
	Meets May 5, 2011 - July 14, 2011	
	Contact instructor or department for details.	
	EDCI Math Cohort. Department permission required.	

EDCI661 **Content Area Reading**

EDCI661 *(PermReq)* **Content Area Reading; (3 credits)** Grade Method: REG/AUD.
Prerequisite: EDCI 362 or EDCI 463 or equivalent. Research-based strategies for improving reading to learn in the content areas (K-12).

IHP1	Wayne Slater	Seats (Total: 40)
	Meets July 11, 2011 - August 4, 2011	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	

IHP2	Ayanna Baccus	Seats (Total: 40)
	Meets July 11, 2011 - August 7, 2011	
	MTuWTh 1:00pm - 4:00pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Offering, Shady Gro e.	

EDCI662 **Diagnostic Reading Assessment and Instruction**

EDCI662 Diagnostic Reading Assessment and Instruction; (3 credits) Grade Method: REG.
Prerequisite: permission of department. Survey course in diagnostic reading assessment and instruction for graduate students not majoring in reading.

IHP1	Ann Schweighofer	Seats (Total: 30)
	Meets June 6, 2011 - June 30, 2011	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI682 **Proseminar in Professional Development**
Contact department for information to register for this course.

EDCI687 **Applications of Computers in Instructional Settings**

EDCI687 *(PermReq)* **Applications of Computers in Instructional Settings; (3 credits)** Grade Method: REG.
Review and analysis of instructional software and computer-based learning environments from the standpoint of teaching, learning, and design theories. Integration of instructional and tool software into classroom settings. Students who wish to register for this section after June 5, 2009, pleas e e-mail summer@umd.edu .

0201	Leslie Gates	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 1:00pm - 4:00pm	VMH 2203

EDCI688I **Special Topics in Curriculum and Instruction; Building Schools Through Arts Integration**

EDCI688I Special Topics in Curriculum and Instruction: Building Schools Through Arts Integration; (3 credits) Grade Method: REG.
Open to teachers involved in MATI or AA Arts Integration Summer Institut e. Contact Diane James at djames1@umd.edu for more information.

IHP1	Margaret Walker	Seats (Total: 15)
	Meets July 11, 2011 - August 19, 2011	
	Contact instructor or department for details.	
	Open to teachers involved in MATI or AA Arts Integration Summer Institu te. Contact Diane James at djames1@umd.edu.	

EDCI688J **Special Topics in Curriculum and Instruction; Adolescent Learning and Development**

EDCI688J Special Topics in Curriculum and Instruction: Adolescent Learning and Development; (3 credits) Grade Method: REG/AUD.

IHP1	John Seelke	Seats (Total: 40)
	Meets June 6, 2011 - June 30, 2011	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	EDCI MCERT Outreach Offering. Department permission required.	
IHP2	Kathleen Travers	Seats (Total: 40)
	Meets July 11, 2011 - August 4, 2011	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	EDCI MCert Outreach Offering.	

EDCI688T **Special Topics in Curriculum and Instruction; Patterns of Interaction in Schools and Classrooms**

EDCI688T Special Topics in Curriculum and Instruction: Patterns of Interaction in Schools and Classrooms; (3 credits) Grade Method: REG/AUD.
Class has both campus and web meetings. Prerequisite: Only open to those with teaching experience at the K-12 level. Emphasis on principles, practices and community building processes of human interaction as a foundation for improving student learning and transforming curriculum and instruction.

0101	Lisa Bote	Seats (Total: 20)	
	Meets June 20, 2011 - July 8, 2011		
	TuTh 9:00am - 12:30pm Class time/details on ELMs	EDU 2102 ONLINE	Discussion

EDCI688Y **Special Topics in Curriculum and Instruction; Research Basis for Teaching History**

EDCI688Y *(PermReq)* **Special Topics in Curriculum and Instruction: Research Basis for Teaching History; (1 credit)** Grade Method: REG/AUD.
Also offered as HIST499Y.

IHP1	Bruce VanSledright	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

EDCI689 **Teaching Internship**

EDCI689 *(PermReq)* **Teaching Internship; (1-9 credits)** Grade Method: REG/AUD.

IHP1	Susan Hendricks	Seats (Total: 15)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Sec, ART, Dept Perm Req.	
IHP2	Peggy Wilson	Seats (Total: 20)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Sec, ENGLISH, Dept Perm Req.	
IHP3	Perla Blejer	Seats (Total: 12)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Sec, FOR LANG, Dept Perm Req.	
IHP4	John Seelke	Seats (Total: 20)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Sec, MATH, Dept Perm Req.	
IHP5	Stacy Pritchett	Seats (Total: 10)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Sec, SCIENCE, Dept Perm Req.	

IHP6	Catherine McCall	Seats (Total: 15)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Sec, SOC STUD, Dept Perm Req.	
IHP7	Colleen Gallagher	Seats (Total: 20)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Sec, TESOL, Dept Perm Req.	
IHP8	Karen Rehder	Seats (Total: 25)
	Meets May 16, 2011 - June 17, 2011	
	Contact instructor or department for details.	
	EDCI MSMART Outreach Offering. Departmental Permission Required.	
IHP9	Toya Jones, Tonia Ziegler	Seats (Total: 30)
	Meets June 6, 2011 - August 3, 2011	
	MW 1:00pm - 4:00pm	Location: TBA
	EDCI MSMART Outreach Offering. Departmental Permission Required.	

EDCI690 **Teaching as a Profession**

EDCI690 Teaching as a Profession; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* The profession of teaching and the knowledge base that defines teaching. Current and social issues that affect teaching and learning; role of research and experience in learning to teach.

IHP1	Leslie Gettier, Lisa Eaker	Seats (Total: 20)
	Meets May 16, 2011 - June 24, 2011	
	Tu 9:00am - 3:00pm	Location: TBA
	Contact instructor or department for details.	
	EDCI MCERT Outreach Offering, Elem, Shady Grove, Dept Perm Req.	
IHP2	Christopher Garran	Seats (Total: 30)
	Meets May 16, 2011 - June 28, 2011	
	MW 5:00pm - 8:10pm	Location: TBA
	EDCI MCERT Outreach Offering, Sec, MCPS, Dept Perm Req.	

IHP3	Jean Snell **Meets May 16, 2011 - June 28, 2011** TuTh 5:00pm - 8:10pm *EDCI MCERT Outreach Offering, Sec, PG, Dept Perm Req.*	Seats (Total: 30) Location: TBA
IHP4	Susan DePlatchett **Meets May 16, 2011 - June 28, 2011** TuTh 5:00pm - 8:10pm *EDCI MCERT Outreach Offering, Sec, PG, Dept Perm Req.*	Seats (Total: 30) Location: TBA

EDCI697 **Embracing Diversity in Classroom Communities**

EDCI697 Embracing Diversity in Classroom Communities; (3 credits) Grade Method: REG.
03 semester hours. The course aims to help students understand race, class, gender, and sexuality as systems of privilege, exclusion, marginalization, and the centrality of embracing diversity in the classroom communities to promote the success of all students.

IHP1	Thurman Bridges **Meets July 11, 2011 - August 5, 2011** MTuWTh 9:00am - 12:00pm Contact instructor or department for details. *Department permission required. EDCI MCERT Outreach Offering.*	Seats (Total: 30) Location: TBA
IHP2	Summer Carrol **Meets June 6, 2011 - June 30, 2011** MTuWTh 1:00pm - 4:00pm *Department permission required. EDCI MCERT Outreach Offering.*	Seats (Total: 40) Location: TBA
IHP3	Saroja Barnes **Meets July 11, 2011 - August 7, 2011** MTuWTh 1:00pm - 4:00pm Contact instructor or department for details. *EDCI SEC MCERT Outreach Program, Shady Grove.*	Seats (Total: 40) Location: TBA

EDCI761 **Advanced Clinical Practices in Reading Assessment**

EDCI761 Advanced Clinical Practices in Reading Assessment; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI 665. Corequisite: EDCI 762. Clinical practicum in assessment focusing on strengths and needs in reading. Case report writing and conferences. Location: Off campus. Local school.

IN01	Rose Codling	Seats (Total: 15)
	Meets June 20, 2011 - July 29, 2011	
	MTuWTh 8:00am - 3:00pm	Location: TBA

EDCI762 **Advanced Clinical Practices in Reading Instruction**

EDCI762 Advanced Clinical Practices in Reading Instruction; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI 665. Corequisite: EDCI 761. Clinical practicum in instruction focusing on instructional techniques and diagnostic teaching. Location: Off campus. Local school.

IN01	Rose Codling	Seats (Total: 15)
	Meets June 20, 2011 - July 29, 2011	
	MTuWTh 11:00am - 2:00pm	Location: TBA

EDCI764 **Writing Across the Curriculum**

EDCI764 *(PermReq)* **Writing Across the Curriculum; (3 credits)** Grade Method: REG.
Emphasis on providing secondary education majors with an interdisciplinary foundation in current theory, research, and best practice focused on the teaching of writing across the curriculum, e.g.,art, English, foreign languages and TESOL, language arts, mathematics, music, sciences, and social studies. Exceptional student, inclusion, and diversity issues w ill be discussed.

IHP1	Joseph McCaleb	Seats (Total: 30)
	Meets June 20, 2011 - July 16, 2011	
	MTuWTh 8:30am - 11:30am	Location: TBA

EDCI765 **Prcesses and Acquisition of Reading**

EDCI765 Prcesses and Acquisition of Reading; (3 credits) Grade Method: REG/AUD.

For Masters Certification Students only. Provide elementary education certification candidates with an understanding of reading acquisition and its underlying processes. Topics include language development in relation to reading development; the biological basis of this development; concepts in emergent literacy; models of reading acquisition and skilled reading; the effects of phonemic awareness in phonics on developing readers; factors in early childhood environments and in beginning literacy instruction that impact language and literacy achievement.

IHP1	Ann Dromsky	Seats (Total: 30)
	Meets June 9, 2011 - June 30, 2011	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Program, Shady Grov .	
IHP2	LeAnn Johnson	Seats (Total: 20)
	Meets June 1, 2011 - July 13, 2011	
	MW 10:30am - 1:00pm Class time/details on ELMs	Location: TBA ONLINE
	Also meets on 5/13/11. EDCI CITE Outreach Offering, Shady Grove Campus	

EDCI776 **Urban Education**

EDCI776 Urban Education; (3 credits) Grade Method: REG/AUD.

This seminar provides students with a broad overview of urban education as a field of inquiry by examining the social context of urban schools, how transformative pedagogy is practiced and conceptualized as well as school reform.

0101	Victoria MacDonald	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 4:00pm - 7:30pm	EDU 2212B

EDCI784 **Teaching, Professional Development and School Change**

EDCI784 *(PermReq)* **Teaching, Professional Development and School Change; (3 credits)** Grade Method: REG/AUD.
Examines currrent scholarship on professional development for K-12 teachers, characteristics of good professional development, and its relationship to teaching, learning, and school improvement.

IHP1	Joseph McCaleb **Meets June 20, 2011 - July 16, 2011** MTuWTh 12:30pm - 3:30pm	Seats (Total: 30) Location: TBA
IS12	Joseph McCaleb **Meets June 20, 2011 - July 16, 2011** MTuWTh 12:30pm - 3:30pm *Professional Development Outreach Offering, National Writing Project. epartment Approval Required.*	Seats (Total: 30) Location: TBA

EDCI788 **Selected Topics in Teacher Education**

EDCI788 *(PermReq)* **Selected Topics in Teacher Education; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI792 **Qualitative Research II: Analysis and Interpretation of Data**

EDCI792 Qualitative Research II: Analysis and Interpretation of Data; (3 credits) Grade Method: REG.
Prerequisite: EDCI791. Credit will be granted for only one of the following: EDCI692 or EDCI792. Formerly EDCI692. Uses data collected in EDCI791 to consider methods oof on-going data analysis, ways of knowing and writing about field research, issues of reflexivity, and the ethical and political decisions involved in crafting text. Students will read literature on and exemplars of multiple modes of qualitative data analysis and interpretation.

0101	Sherick Hughes **Meets May 31, 2011 - July 10, 2011** MW 4:15pm - 7:00pm	Seats (Total: 20) EDU 2212

EDCI798 **Special Problems in Teacher Education**

EDCI798 Special Problems in Teacher Education; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI799 **Master's Thesis Research**

EDCI799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI888 **Apprenticeship in Education**

EDCI888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI889 **Internship in Education**

EDCI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI898 **Pre-Candidacy Research**

EDCI898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI899 **Doctoral Dissertation Research**

EDCI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP Education Counseling and Personnel Services — Summer 2011

EDCP108B **College and Career Advancement: Concepts and Skills; Academic Skills**

EDCP108B College and Career Advancement: Concepts and Skills: Academic Skills; (1 credit) Grade Method: REG/P-F/AUD.

0101	Beverly Greenfeig	Seats (Total: 100)
	Meets June 7, 2011 - June 24, 2011	
	TuWTh 10:30am - 12:30pm	TLF 1103

EDCP108E **College and Career Advancement: Concepts and Skills**

EDCP108E College and Career Advancement: Concepts and Skills; (1 credit) Grade Method: REG/P-F/AUD.
Restricted to Academic Achievement Program Students.

0201	Tilahun Beyene	Seats (Total: 130)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

EDCP298Z **Special Problems in Counseling and Personnel Services; British Life and Society in a Cross-Cultural Context**
Contact department for information to register for this course.

EDCP318W **Applied Contextual Leadership; Leadership and the Workplace**

EDCP318W Applied Contextual Leadership: Leadership and the Workplace; (3 credits) Grade Method: REG/P-F/AUD.
An exploration of leadership theory and practice in the workplace: leadership versus management, ethics in the workplace, leadership in groups, teamwork, and practical application of leadership models. Students enrolled in the course must have a job (and job setting) to participate in the course fully. This is an online course, which will be taught using Blackboard. There will be no classroom meetings. Students who have questions can contact the instructor at dostick@umd. edu

OM11	Daniel Ostick	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

OM12	Daniel Ostick	Seats (Total: 40)
	Meets July 11, 2011 - August 9, 2011	
	Class time/details on ELMs	ONLINE

EDCP318X **Applied Contextual Leadership; Norway: Adventure Leadership**
Contact department for information to register for this course.

EDCP386 **Experiential Learning**

EDCP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

EDCP498 **Special Problems in Counseling and Personnel Services**
Contact department for information to register for this course.

EDCP610 **Professional Orientation**

EDCP610 Professional Orientation; (3 credits) Grade Method: REG/AUD.
Survey of knowledge base and practices in counseling and personnel services specializations, professional ethics, credentialling relevant legislation, current issues.

PC01	Dennis Kivlighan	Seats (Total: 15)
	Meets May 31, 2011 - August 21, 2011	
	W 9:00am - 12:00pm	Location: TBA
	Tu 9:00am - 12:00pm	Location: TBA
	Open only to the Navy LEAD cohort. Prerequisite: permission of department. Class meets Wednesdays 9 a.m.-12 p.m. 05/31/11-07/08/11 in SQH1111 and Tuesdays, 9 a.m.-12 p.m. 07/11/11-08/21/11 in SQH 1121.	

EDCP611 **Career Development Theory and Programs**

EDCP611 Career Development Theory and Programs; (3 credits) Grade Method: REG/AUD.
Research and theory related to career and educational decisions; programs of related information and other activities in career decision.

0101	MARJA HUMPHREY	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	MW 4:00pm - 7:00pm	EDU 3233

EDCP618 **Counseling Skills: Introduction to Practicum**

EDCP618 Counseling Skills: Introduction to Practicum; (3 credits) Grade Method: REG/AUD.

Open only to the Navy LEAD cohort. Departmental permission required.

PC11	Matthew Miller	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:00am - 12:00pm	EDU 3233
	Class time/details on ELMs	ONLINE
	Open only to the Navy LEAD cohort. Prerequisite: permission of department.	

EDCP619 **Practicum in Counseling; Counselling Skills II**

EDCP619 Practicum in Counseling: Counselling Skills II; (2-6 credits) Grade Method: REG/AUD.

PC02	Matthew Miller	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MW 9:00am - 12:00pm	EDU 3315

EDCP625 **Counseling the Chemically Dependent**

EDCP625 Counseling the Chemically Dependent; (3 credits) Grade Method: REG/AUD.

Chemical dependency and its effects on the individual's personal, social, and work functioning. Counseling procedures for persons with drug and alcohol problems.

IHP1	Terri Ferguson	Seats (Total: 7)
	Meets May 31, 2011 - June 17, 2011	
	Class time/details on ELMs	ONLINE
	Departmental permission required; Registration by Outreach Office.	

EDCP631 **Serving Culturally and Linguistically Diverse Clients in the Schools**

EDCP631 Serving Culturally and Linguistically Diverse Clients in the Schools; (3 credits) Grade Method: REG.
Prerequisite: limited to school psychology and counselor education students only.
Conceptual and empirical literature about racially, ethnically, culturally, and linguistically diverse clients. Examination and integration of cross-cultural literature.

0101	Norma Day-Vines	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:00am - 12:30pm	ASY 3221

EDCP656 **Counseling and Personnel Services Seminar**

EDCP656 Counseling and Personnel Services Seminar; (2 credits) Grade Method: REG/AUD.
Examination of issues that bear on professional issues such as ethics, interprofessional relationships and research.

0201	Courtland Lee	Seats (Total: 14)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 3:40pm - 7:00pm	EDU 3233

EDCP668 **Special Topics in Rehabilitation**

EDCP668 Special Topics in Rehabilitation; (1-6 credits) Grade Method: REG/AUD.

IHP1	Debra Luecking, Dale Verstegen	Seats (Total: 13)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE
	Department permission required; Registration by Outreach Office.	

EDCP694 **Student Leadership Development**

EDCP694 *(PermReq)* **Student Leadership Development; (3 credits)** Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDCP694 or EDCP789D. Formerly EDCP789D. Explores the development of leadership among college students including the study of leadership theory; a focus on how leadership is learned and developed; cultural demensions of leadership; and exposure to the current national scene in leadership associations, programs, and resources. Open to Navy Lead Students Only. Departmental permission required.

PC21	Matthew Johnson	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MW 12:30pm - 3:30pm	EDU 3236
	Class time/details on ELMs	ONLINE
	Open to Navy Lead Students Only. Prerequisite: permission of department	

EDCP771 **The College Student**

EDCP771 *(PermReq)* **The College Student; (3 credits)** Grade Method: REG/AUD.
A demographic study of the characteristics of college students as well as a study of their aspirations, values, and purposes. Open only to the Navy LEAD cohort. Departmental permission required.

PC11	Matthew Johnson	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 12:30pm - 3:00pm	EDU 3233
	Class time/details on ELMs	ONLINE
	Open to Navy Lead cohort. Prerequisite: permission of department.	

EDCP789C **Advanced Topics in Counseling and Personnel Services; Capstone Project Two**

EDCP789C Advanced Topics in Counseling and Personnel Services: Capstone Project Two; (1-6 credits) Grade Method: REG/AUD.

IHP1	Kim MacDonald-Wilson	Seats (Total: 7)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE
	Department permission required; Registration by Outreach Office.	

EDCP789M **Advanced Topics in Counseling and Personnel Services; Advanced Multicultural**

EDCP789M Advanced Topics in Counseling and Personnel Services: Advanced Multicultural; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Open to Counselor Education students only.

Contact department for information to register for this course.

EDCP789R **Advanced Topics in Counseling and Personnel Services; College Teaching Seminar**

EDCP789R Advanced Topics in Counseling and Personnel Services: College Teaching Seminar; (1-3 credits) Grade Method: REG.

0101	William Strein	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	Tu 1:00pm - 3:00pm	EDU 0206

EDCP798 **Special Problems in Counseling and Personnel Services**

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP798C **Special Problems in Counseling and Personnel Services; Capstone Project**
Contact department for information to register for this course.

EDCP799 **Master's Thesis Research**

EDCP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888 **Apprenticeship in Counseling and Personnel Services**

EDCP888 Apprenticeship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888A **Apprenticeship in Counseling and Personnel Services; College Student Personnel**

EDCP888A Apprenticeship in Counseling and Personnel Services: College Student Personnel; (3 credits) Grade Method: REG/AUD.

0101	Marsha Guenzler-Stevens	Seats (Total: 12)
	Meets May 31, 2011 - August 11, 2011	
	M 2:00pm - 5:00pm	EDU 1210B
	Contact instructor or department for details.	

EDCP889 **Internship in Counseling and Personnel Services**

EDCP889 Internship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP898 **Pre-Candidacy Research**

EDCP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP899 **Doctoral Dissertation Research**

EDCP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD Education, Human Development Summer 2011

EDHD320 **Human Development Through the Life Span**

EDHD320 Human Development Through the Life Span; (3 credits) Grade Method: REG/AUD.

Central concepts related to parameters of human development, individual and social, which arise throughout the life span. Continuity and change within the developing individual.

0101	Robert Marcus **Meets May 31, 2011 - July 10, 2011** MW 12:20pm - 3:45pm	Seats (Total: 30) EDU 3315
0201	Theresa Hoffmann **Meets July 11, 2011 - August 21, 2011** TuTh 9:30am - 12:40pm	Seats (Total: 35) EDU 1107

EDHD411 **Child Growth and Development**

EDHD411 Child Growth and Development; (3 credits) Grade Method: REG/AUD. Theoretical approaches to and empirical studies of physical, psychological and social development from conception to puberty. Implications for home, school and community.

0101	Brenda Jones Harden **Meets May 31, 2011 - July 10, 2011** TuTh 9:30am - 12:40pm	Seats (Total: 30) EDU 1121

EDHD413 **Adolescent Development**

EDHD413 Adolescent Development; (3 credits) Grade Method: REG/P-F/AUD. Adolescent development, including special problems encountered in contemporary culture. Observational component and individual case study.

0101	Jennie Lee-Kim **Meets May 31, 2011 - July 10, 2011** TuTh 9:00am - 12:20pm	Seats (Total: 40) EDU 3315

EDHD425 **Language Development and Reading Acquisition**

EDHD425 Language Development and Reading Acquisition; (3 credits) Grade Method: REG.

This course focuses on young children's language development and the relationship between language and reading acquisition. Students will learn: concepts central to language development; language achievements at different ages; concepts of emergent literacy; models of reading acquisition and skilled reading.

0101	Meghan Parkinson	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 12:30pm - 3:40pm	EDU 1107

EDHD430 **Adolescent Violence**

EDHD430 Adolescent Violence; (3 credits) Grade Method: REG/AUD. *Prerequisite: PSYC100 or permission of department.* Examines the roots of violence among adolescents and the extent to which this constitutes a problem in various settings. Research studies on its origins, prevention and intervention and implications for social policy are examined.

0101	Robert Marcus	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MW 4:00pm - 7:25pm	EDU 3315

EDHD489 **Field Experiences in Education**

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD498 **Special Problems in Education**

EDHD498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD602 **Social Bases of Behavior**
Contact department for information to register for this course.

EDHD789 **Internship in Human Development**

EDHD789 Internship in Human Development; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD798 **Special Problems in Education**

EDHD798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD799 **Master's Thesis Research**

EDHD799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD888 **Apprenticeship in Education**

EDHD888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD889 **Internship in Education**

EDHD889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD898 **Pre-Candidacy Research**

EDHD898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD899 **Doctoral Dissertation Research**

EDHD899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI Education Leadership, Higher Ed and International Ed — Summer 2011

EDHI338P **Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Germany: Propaganda and Graphic Design**

Contact department for information to register for this course.

EDHI489 **Field Experiences in Education**

EDHI489 Field Experiences in Education; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI498 **Special Problems in Education**

EDHI498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD.

0132	Noah Drezner **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0229	Robert Waters **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 1)
0232	Noah Drezner **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

EDHI670 **Learning Communities**

EDHI670 Learning Communities; (3 credits) Grade Method: REG/AUD. *Credit will be granted for only one of the following: EDHI670, EDPL670, or EDPS670. Formerly EDPL670.* Reviews contemporary research on student and teacher learning and schools as learning organizations. It aims to build students understanding of opportunities and challanges to implementing learning environments in various educational organizations. Readings, cases and assignments emphasize students' understanding of learning theories and their application to various organizational settings.

0101	Nelson McLeod	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:15pm - 9:45pm	EDU 1315
	EDHI670 will be run as a hybrid course with some sessions in the classroom and some sessions online. Introductory class meeting will be on Monday June 6 at 6:15 in Education 1315.	

EDHI672 **Modes of Inquiry in Education Research**

EDHI672 Modes of Inquiry in Education Research; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI672, EDPL672, or EDPS672. Formerly EDPL672. Introduction to modes of inquiry appropriate to research on issues and problems in education. Examination of qualitative, quantitative and mixed research methods and designs with a focus on related standards of quality. This course contains a Blackboard/ELMS component.

0401	Steven Klees, Jing Lin	Seats (Total: 15)
	Meets July 11, 2011 - July 29, 2011	
	MWTh 3:00pm - 7:15pm	EDU 2102

EDHI679 **Master's Seminar**

EDHI679 Master's Seminar; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI689 **Practicum In Educational Administration and Supervision**

EDHI689 *(PermReq)* **Practicum In Educational Administration and Supervision; (1-3 credits)** Grade Method: S-F.

0105	Patricia Richardson	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0124	Helene Cohen	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

0205	Patricia Richardson	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	
0224	Helene Cohen	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

EDHI700 **Qualitative Research Methods in Education**
Contact department for information to register for this course.

EDHI742 **Leadership Law and Ethics**

EDHI742 Leadership Law and Ethics; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI742, EDPL742, or EDPS742. Formerly EDPL742. Constitutional principals of American society as they effect the work and shape the social context of educational leadership. Issues considered include religious liberty, freedom of expression and association, equality and due process, and the rights of special needs populations. Consideration of these topics both as matters of law through the analysis of relevant court cases and statutes and as ethical issues through the discussion of vignettes and cases.

IHP1	Thomas Davis	Seats (Total: 14)
	Meets June 16, 2011 - July 29, 2011	
	Contact instructor or department for details.	

EDHI752 **State Systems of Higher Education**

EDHI752 State Systems of Higher Education; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI752, EDPL752, or EDPS752. Formerly EDPL752. Creation, operation, alteration and evaluation of state systems of higher education. Campus autonomy versus public accountability. Analysis of topics such as state planning, budget and program review, and administration of student aid and federal programs.

0101	Marvin Titus	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 4:00pm - 7:30pm	EDU 2102

EDHI788B **Special Topics in Education Policy and Administration; Proposal Writing Seminar**
Contact department for information to register for this course.

EDHI788D **Special Topics in Education Policy and Administration**
Contact department for information to register for this course.

EDHI788I **Special Topics in Education Policy and Administration; The Role of the Educational Leader in Managing and Integrating Technology in Organizations**
Contact department for information to register for this course.

EDHI798 **Special Problems in Education**

EDHI798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI889 **Internship in Education**

EDHI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI898 **Pre-Candidacy Research**
Contact department for information to register for this course.

EDHI899 **Doctoral Dissertation Research**

EDHI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS Measurement, Statistics, and Evaluation — Summer 2011

EDMS451 **Introduction to Educational Statistics**

EDMS451 Introduction to Educational Statistics; (3 credits) Grade Method: REG/AUD.
Sophomore standing. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201.
Introduction to statistical reasoning; location and dispersion measures; computer applications; regression and correlation; formation of hypotheses tests; t-test; one-way analysis of variance; analysis of contingency tables.

0101	George Macready **Meets May 31, 2011 - July 10, 2011** MTuWTh 2:00pm - 3:40pm	Seats (Total: 40) EDU 0212
0201	Huili Liu **Meets July 11, 2011 - August 21, 2011** MTuWTh 2:00pm - 3:40pm	Seats (Total: 40) EDU 0212

EDMS645 **Quantitative Research Methods I**

EDMS645 Quantitative Research Methods I; (3 credits) Grade Method: REG/AUD.
Research design and statistical applications in educational research: data representation; descriptive statistics; estimation and hypothesis testing. Application of statistical computer packages is emphasized.

0101	George Macready **Meets May 31, 2011 - July 10, 2011** MTuWTh 5:00pm - 6:40pm	Seats (Total: 30) EDU 0212

EDMS798 **Special Problems in Education**

EDMS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS799 **Master's Thesis Research**

EDMS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS889 **Internship in Measurement and Statistics**

EDMS889 *(PermReq)* **Internship in Measurement and Statistics; (3-12 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS898 **Pre-Candidacy Research**

EDMS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS899 **Doctoral Dissertation Research**

EDMS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS Education Policy Studies Summer 2011

EDPS301 **Foundations of Education**

EDPS301 Foundations of Education; (3 credits) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: EDPL301 or EDPS301. Formerly EDPL301.* Social context of education and conflicts over philosophies, values, and goals that are reflected in educational institutions in our pluralistic society. Helps teachers become reflective, critical thinkers about the social and philosophical issues they face and the choices they make.

0101	Dennis Herschbach	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MW 3:40pm - 7:00pm	EDU 1107

EDPS489 **Field Experiences in Education**

EDPS489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG/P-F/AUD.

0123	Steven Selden **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0216	Francine Hultgren **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

EDPS601 **Contemporary Social Issues in Education**

EDPS601 Contemporary Social Issues in Education; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: EDHI601, EDPL601, or EDPS601. Formerly EDPL601. Theoretical and practical consideration of vital social issues currently affecting education.

IHP1	John Splaine **Meets May 31, 2011 - July 7, 2011** TuTh 4:00pm - 7:00pm Class time/details on ELMs *EDCI CITE Outreach Offering, Shady Grove Campus. Contact Diane James at djames1@umd.edu for permission.*	Seats (Total: 20) Location: TBA ONLINE

EDPS798 **Special Problems in Education**

EDPS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS888 **Apprenticeship in Education**

EDPS888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS889 **Internship in Education**

EDPS889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS898 **Pre-Candidacy Research**

EDPS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS899 **Doctoral Dissertation Research**

EDPS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP Education, Special Summer 2011

EDSP210 **Introduction to Special Education**

EDSP210 Introduction to Special Education; (3 credits) Grade Method: REG/AUD. *Class Standing: Freshman or Sophomore or permission of department. Not open to students who have completed EDSP470. Credit will be granted for only one of the following: EDSP210 or EDSP470.* Characteristics and needs of individuals receiving special education and related services. Current issues and practices in special education. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0401	Leslie Page-Voth **Meets July 11, 2011 - July 29, 2011** TuTh 9:00am - 4:50pm	Seats (Total: 25) EDU 3315
0501	Leslie Page-Voth **Meets June 29, 2011 - July 11, 2011** MWF 8:30am - 4:00pm	Seats (Total: 45) EDU 1121

EDSP376 **Fundamentals of Sign Language**

EDSP376 Fundamentals of Sign Language; (3 credits) Grade Method: REG/P-F/AUD.
Receptive and expressive skills in American Sign Language. Examination of the causes of deafness, characteristics of deaf education, and aspects of the culture of the deaf community.

0101	Raphael St Johns **Meets May 31, 2011 - July 10, 2011** MW 7:00pm - 10:00pm Contact instructor or department for details.	Seats (Total: 27) EDU 2101
0201	Raphael St Johns **Meets July 11, 2011 - August 21, 2011** MW 7:00pm - 10:00pm Contact instructor or department for details.	Seats (Total: 27) EDU 1121

EDSP413 **Behavior and Classroom Management in Special Education**

EDSP413 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG/AUD.
For EDSP or 0808P majors only. Also offered as EDSP613. Credit will be granted for only one of the following: EDSP321, EDSP413, or EDSP613. Formerly EDSP321.
Use of applied behavior analysis for assessment of behavior and learning environments. Design of behavior and classroom management of students in special education.

0101	Paul Livelli **Meets May 31, 2011 - July 10, 2011** TuTh 7:00pm - 10:00pm	Seats (Total: 25) EDU 2119

EDSP415 **Assessment in Special Education**

EDSP415 Assessment in Special Education; (3 credits) Grade Method: REG/AUD.
Recommended: STAT100 or SOCY201. For EDSP or 0808P majors only. Also offered as EDSP615. Credit will be granted for only one of the following: EDSP320, EDSP415 or EDSP615. Formerly EDSP320. Knowledge and skills for understanding assessment process and interpretation of assessment data. Emphasis on psychometric aspects of assessment related to screening, eligibility, and program planning.

0201	Miji Kim	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MW 7:00pm - 10:00pm	EDU 1107

EDSP416 **Reading and Writing Instruction in Special Education I**

EDSP416 Reading and Writing Instruction in Special Education I; (3 credits) Grade Method: REG/AUD.
For EDSP or 0808P majors only. Also offered as EDSP616. Credit will be granted for only one of the following: EDSP416, EDSP443 or EDSP616. Formerly EDSP443. Assessment and instruction of reading and writing skills for students in special education.

0201	Christy Kelly	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 4:00pm - 7:00pm	EDU 1107

EDSP421 **Field Placement in Special Education: Early Childhood I**

EDSP421 *(PermReq)* **Field Placement in Special Education: Early Childhood I; (4-3 credits)** Grade Method: REG.
For EDSP or 0808P majors only. Students must reserve three half-days per week for field experience in early childhood special education. Field experience I in early childhood special education. Students without the required pre- or corequisites can register for this course with departmental approval. Open to special education graduate students only for this term.

0101	M Brown	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	M Brown	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

EDSP450 **Inclusive Practices in the Schools**

EDSP450 Inclusive Practices in the Schools; (3 credits) Grade Method: REG.
Also offered as EDSP606. Credit will be granted for only one of the following: EDSP450, EDSP606, or EDSP788P. Educational practices regarding inclusive education in the schools for students with and without disabilities.

0101	Barbara Gruber **Meets May 31, 2011 - July 10, 2011** TuTh 4:00pm - 7:00pm	Seats (Total: 35) EDU 0202

EDSP470 **Introduction to Special Education**

EDSP470 Introduction to Special Education; (3 credits) Grade Method: REG/AUD.
Not open to students who have completed EDSP210. Credit will be granted for only one of the following: EDSP210 or EDSP470. Designed to give an understanding of the needs of all types of exceptional children. Open to all students except undergraduate special education majors. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0401	Leslie Page-Voth **Meets July 11, 2011 - July 29, 2011** TuTh 9:00am - 4:50pm	Seats (Total: 25) EDU 3315
0501	Leslie Page-Voth **Meets June 29, 2011 - July 11, 2011** MWF 8:30am - 4:00pm	Seats (Total: 45) EDU 1121

EDSP485 **Assessment and Instruction in Mathematics in Special Education**

EDSP485 Assessment and Instruction in Mathematics in Special Education; (3 credits) Grade Method: REG.
For EDSP or 0808P majors only. Also offered as EDSP683. Credit will be granted for only one of the following: EDSP485 or EDSP683. Instructional methods and assessment in mathematics in special education .

0301	Tricia Strickland **Meets May 31, 2011 - June 17, 2011** MW 8:30am - 4:00pm	Seats (Total: 25) EDU 0206

EDSP489 **Field Experiences in Special Education**

EDSP489 Field Experiences in Special Education; (1-4 credits) Grade Method: REG/P-F/AUD.

0101	M Brown	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	M Brown	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

EDSP498 **Special Problems in Special Education**

EDSP498 Special Problems in Special Education; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP499L **Workshops, Clinics, and Institutes in Special Education; Denmark, Netherlands, Germany & U.S.: Comparative Approaches to Treatment and Incarceration**

Contact department for information to register for this course.

EDSP606 **Advanced Study in Inclusive Practices in The Schools**

EDSP606 Advanced Study in Inclusive Practices in The Schools; (3 credits) Grade Method: REG/AUD.

Also offered as EDSP450. Credit will be granted for only one of the following: EDSP450, EDSP606, or EDSP788P. Formerly EDSP788P. Educational practices regarding inclusive education in the schools for students with and without disabilities.

0101	Barbara Gruber	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 4:00pm - 7:00pm	EDU 0202

EDSP613 **Behavior and Classroom Management in Special Education**

EDSP613 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG.

For EDSP majors only or permission of instructor. Also offered as EDSP 413. Credit will be granted for only one of the following: EDSP 413 or EDSP 613. Applied behavior analysis for assessment of behavior and learning environments. Behavior and classroom management strategies for students in special education.

0101	Paul Livelli	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 7:00pm - 10:00pm	EDU 2119

EDSP615 **Evaluation and Measurement of Exceptional Children and Youth**

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; (3 credits) Grade Method: REG/AUD.

Prerequisites: {EDMS 446; and EDMS 646; and EDSP 600} or permission of department. Also offered as EDSP 415. Credit will be granted for only one of the following: EDSP 415 or EDSP 615. Deals with the understanding and interpretation of the results of psychological and educational tests applicable for use with exceptional children and youth.

0201	Miji Kim	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MW 7:00pm - 10:00pm	EDU 1107

EDSP616 **Reading and Writing Instruction in Special Education I**

EDSP616 Reading and Writing Instruction in Special Education I; (3 credits) Grade Method: REG/AUD.

For EDSP majors only. Also offered as EDSP 416. Credit will be granted for only one of the following: EDSP 416 or EDSP 616. Assessment and instruction of reading and writing skills and strategies for students in special education.

0201	Christy Kelly	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 4:00pm - 7:00pm	EDU 1107

EDSP670 **Single Subject Research in Special Education**

EDSP670 Single Subject Research in Special Education; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDSP 600 or permission of department. Design, application, and analysis of single subject research in special education classrooms across all disabilities.

0101	Andrew Egel	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MW 4:00pm - 7:15pm	EDU 2102
	Contact instructor or department for details.	

EDSP678E **Seminar in Special Education; Social Communication Challenges and Strategies for Individuals with Autism Spectrum Disorder**

EDSP678E Seminar in Special Education: Social Communication Challenges and Strategies for Individuals with Autism Spectrum Disorder; (3 credits) Grade Method: REG/AUD.

0201	Paul Livelli	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 4:15pm - 7:25pm	EDU 1315

EDSP678I **Seminar in Special Education; Infants & Toddlers Born Prematurely-Medical & Developmental Issues**

EDSP678I Seminar in Special Education: Infants & Toddlers Born Prematurely-Medical & Developmental Issues; (3 credits) Grade Method: REG/AUD.
Explores the medical and developmental issues facing infants and toddlers born prematurely and their families, while in the NICU and after discharge. Guest speakers and regular visits to the NICU are integral components of the course. Student should contact Dr. Hussey-Gardner (bhussey @peds.umaryland.edu) prior to the first class for more information regarding directions and parking. Meets 05/31/11-07/10/11 Mondays 3:00-9:00pm at the University of Maryland School of Medicine, 29 South Greene Street, GS110, Baltimore, MD 21201.

0101	Brenda Hussey-Gardner	Seats (Total: 12)
	Meets May 31, 2011 - July 10, 2011	
	M 3:00pm - 9:00pm	Location: TBA

EDSP683 **Assessment and Instruction in Mathematics in Special Education**

EDSP683 Assessment and Instruction in Mathematics in Special Education; (3 credits) Grade Method: REG.
For EDSP majors only. Also offered as EDSP485. Credit will be granted for only one of the following: EDSP485 or EDSP683. Instructional methods and assessment in mathematics in special education.

0301	Tricia Strickland	Seats (Total: 25)
	Meets May 31, 2011 - June 17, 2011	
	MW 8:30am - 4:00pm	EDU 0206

EDSP687 **Family Partnerships in Special Education**

EDSP687 Family Partnerships in Special Education; (3 credits) Grade Method: REG.
For EDSP majors only. Also offered as EDSP 487. Credit will be granted for only one of the following: EDSP 487 or EDSP 687. Strategies for communicating and working with families of students with disabilities.

0301	Martha Moon	Seats (Total: 25)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 4:00pm - 6:35pm	EDU 0206

EDSP788C **Selected Topics in Special Education; Communication Development and Instructional Strategies for Students with Deaf-blindness and/or Severe Disabilities**

EDSP788C Selected Topics in Special Education: Communication Development and Instructional Strategies for Students with Deaf-blindness and/or Severe Disabilities; (2 credits) Grade Method: REG/AUD.
Sponsored by Connections Beyond Sight and Sound, The Maryland Project for Childre who are Deaf-blind. Instructional techniques used in the education of student who are deaf-blind, including tactile strategies, concept development, routine-based instruction, active learning and "Intervention". The development of communication and individualized communication systems is the central focus. Topics include an overview of communication, receptive and expressive communcation, augmentative communication and assistive technology, calendar systems, communicative functions of behavior, and specific forms and functions.

0501	Diane Kelly	Seats (Total: 15)
	Meets June 20, 2011 - June 24, 2011	
	MTuWThF 8:30am - 4:30pm	EDU 1315

EDSP798 **Special Problems in Special Education**

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP799 **Master's Thesis Research**

EDSP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP799L **Master's Thesis Research; Denmark, Netherlands, Germany & U.S.: Comparative Approaches to Treatment and Incarceration**

Contact department for information to register for this course.

EDSP888 **Apprenticeship in Special Education**

EDSP888 Apprenticeship in Special Education; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888A **Apprenticeship in Special Education; Apprenticeship in College Teaching**

EDSP888A Apprenticeship in Special Education: Apprenticeship in College Teaching; (3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0104	Joan Lieber **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0105	Andrew Egel **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0108	Frances Kohl **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0109	Peter Leone **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0111	Martha Moon **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0114	Paula Maccini **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0115	Deborah Speece **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0116	Paula Beckman **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0117	Rebecca Silverman **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0118	Susan De La Paz **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0120	Margaret McLaughlin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0121	Debra Neubert **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0122	Philip Burke **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0124	Leslie Page-Voth **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0125	William Drakeford **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0204	Joan Lieber **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0205	Andrew Egel **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0208	Frances Kohl **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0209	Peter Leone **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0210	Leslie Page-Voth **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0211	Martha Moon **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0214	Paula Maccini **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

0215	Deborah Speece **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0216	Paula Beckman **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0217	Rebecca Silverman **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0218	Susan De La Paz **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0220	Margaret McLaughlin **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0221	Debra Neubert **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0222	Philip Burke **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0225	William Drakeford **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

EDSP889 **Internship in Special Education**

EDSP889 *(PermReq)* **Internship in Special Education; (3-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP898 **Pre-Candidacy Research**

EDSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP899 **Doctoral Dissertation Research**

EDSP899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE Engineering, Aerospace Summer 2011

ENAE202 **Aerospace Computing**

ENAE202 Aerospace Computing; (3 credits) Grade Method: REG/P-F/AUD. *Corequisite: MATH140. For ENAE majors only or with permission of the department.* Introduction to computational tools for the solution of engineering problems. C++ & MATLAB programming including branching and loops, functions, file handling, arrays, and data structures. Students will be introduced to object-oriented programming, basic computing, algorithms, and principles of software engineering.

0201	Barrett Dillow	Seats (Total: 20)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWF 12:30pm - 1:50pm	EGR 3102	
	Th 12:00pm - 2:00pm	KEB 2107	Lab

ENAE283 **Introduction to Aerospace Systems**

ENAE283 *(PermReq)* **Introduction to Aerospace Systems; (3 credits)** Grade Method: REG.
Prerequisites: PHYS161, ENES102 and MATH141. Corequisites: PHYS260 and 261, formerly PHYS262. Formerly: ENAE281 and ENAE282. For ENAE majors only. Credit will be granted for only one of the following: ENAE281 and ENAE282 or ENAE283. Introduction to airplanes and space vehicles as aerospace systems. Fundamentals that describe these systems. Elements of aerodynamics, airfoils and wings. Airplane performance, stability and control. Aircraft and rocket propulsion. Fundamentals of orbital motion. Aspects of vehicle conceptual design.

0101	Sharon Singer	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 4:30pm - 5:50pm	EGR 0135

ENAE311 **Aerodynamics I**

ENAE311 *(PermReq)* **Aerodynamics I; (3 credits)** Grade Method: REG/P-F. *Prerequisites: ENAE202, ENAE283, ENES220, MATH241, MATH246, MATH461, PHYS270, and PHYS271. Corequisite: ENME232 or ENME320. For ENAE majors only or permission of department. Junior standing. Formerly ENAE471.* Fundamentals of aerodynamics. Elements of compressible flow. Normal and oblique shock waves. Flows through nozzles, diffusers and wind tunnels. Elements of the method of characteristics and finite difference solutions for compressible flows. Aspects of hypersonic flow.

0201	Ashish Nedungadi	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 4:30pm - 5:50pm	PLS 1158

ENAE423 **Vibration and Aeroelasticity**

ENAE423 *(PermReq)* **Vibration and Aeroelasticity; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENAE324. ENAE majors only or permission of department. Dynamic response of single and multiple degrees of freedom systems, finite element modeling, wing divergence, aileron reversal, wing and panel flutter.

0201	Sung Lee	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 8:00am - 9:20am	EGR 0108

ENAE499 **Elective Research; Individual Instruction**

ENAE499 *(PermReq)* **Elective Research: Individual Instruction; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE799 **Master's Thesis Research**

ENAE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE898 **Pre-Candidacy Research**

ENAE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0102	Christopher Cadou **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0106	Norman Wereley **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0107	Sung Lee **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0109	Inderjit Chopra **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0110	James Humbert **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0111	Roberto Celi **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0112	John Leishman **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0113	Mark Lewis **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)

0114	James Baeder **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0115	David Akin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0116	Robert Sanner **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0119	Kenneth Yu **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0123	Alison Flatau **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0124	Andre Marshall **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0125	James Hubbard **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0126	Derek Paley **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0127	Raymond Sedwick **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0129	Arnaud Trouve **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)

0130	Pino Martin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0132	Fredric Schmitz **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0133	Anya Jones **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0202	Christopher Cadou **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0206	Norman Wereley **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0207	Sung Lee **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0209	Inderjit Chopra **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0210	James Humbert **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0211	Roberto Celi **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0212	John Leishman **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

0213	Mark Lewis **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0214	James Baeder **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0215	David Akin **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0216	Robert Sanner **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0219	Kenneth Yu **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0223	Alison Flatau **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0224	Andre Marshall **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0225	James Hubbard **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0226	Derek Paley **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0227	Raymond Sedwick **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

0229	Arnaud Trouve **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0230	Pino Martin **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0232	Fredric Schmitz **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0233	Anya Jones **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

ENAE899 **Doctoral Dissertation Research**

ENAE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE Engineering, Civil Summer 2011

ENCE201 **Engineering Information Processing**

ENCE201 Engineering Information Processing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENCE200 and permission of department. Credit will be granted for only one of the following: ENCE201 or ENCE203. Matrix algebra and numerical computing. Includes computing accuracy, solutions of systems of linear equations, root-finding, function approximation, and numerical integration. Additional computing material including data types and structures, object-based programming, event-based programming, and client-server computing. Numerical and computing techniques are taught in the context of solving engineering problems.

0101	Che-Yu Chang **Meets May 31, 2011 - July 10, 2011** MW 3:00pm - 6:45pm	Seats (Total: 40) EGR 0110

ENCE489 **Special Problems in Civil Engineering**

ENCE489 Special Problems in Civil Engineering; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE600 **Global Project Management**

ENCE600 Global Project Management; (3 credits) Grade Method: REG/AUD. *Recommended: ENCE662. For ENCE or ENPM majors only or permission of department.* An overview of global project management from initiation through planning, execution, closing and with general emphasis on control will be provided. It is designed to augment the basics of domestic project management with information pertinent to the global project environment working in multiple countries, culture,s, time zones and working virtually.

PM01	Alaa Zeitoun	Seats (Total: 30)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ENCE623 **Introduction to Advanced Scheduling**

ENCE623 Introduction to Advanced Scheduling; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENCE423 or ENCE662 and permission of department. Also offered as ENCE 688S. Credit will be granted for only one of the following: ENCE 623 or ENCE 688S. A Combination of lecture and hands-on use of software to develop advanced knowledge and skills necessary to master advanced scheduling techniques for project management and control will be used. No software purchase is necessary.

0101	Kenneth O'Connell	Seats (Total: 25)
	Meets May 31, 2011 - August 21, 2011	
	M 4:30pm - 7:45pm	ITV 1100
PM01	Kenneth O'Connell	Seats (Total: 30)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ENCE661 **Project Cost Accounting and Finance**

ENCE661 Project Cost Accounting and Finance; (3 credits) Grade Method: REG/AUD.

This course reviews the fundamentals of accounting; examines project cost accounting principles, applications, and impact on profitability; examines the principles of activity based costing; covers the elements involved in cash management; introduces the framework for how projects are financed and the potential impact financing has on the projects; and a framework for evaluating PC based systems and what resources are needed for an effective project cost system.

PM01	James Myers, Maegan Helble	Seats (Total: 45)
	Meets May 31, 2011 - August 12, 2011	
	Class time/details on ELMs	ONLINE

ENCE663 **Management of Design and Construction Organizations**

ENCE663 Management of Design and Construction Organizations; (3 credits) Grade Method: REG/AUD.

Prerequisite: permission of department. This course examines the management focus of the design and/or construction company and how corporate management is different from, yet relates to, and impacts project management. The company creates the framework within which projects may consistently achieve excellent performance or they may struggle to complete behind schedule, over budget, and not meet the customer's requirements. What makes the difference?

PM01	Neil Schulman	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ENCE688 **Advanced Topics in Civil Engineering**

ENCE688 Advanced Topics in Civil Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE688F **Advanced Topics in Civil Engineering; Highway Safety Fundamentals**

ENCE688F Advanced Topics in Civil Engineering: Highway Safety Fundamentals; (3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 30)
	Meets May 31, 2011 - August 21, 2011	
	W 6:30pm - 9:00pm	EGR 3106

ENCE689 **Seminar**

ENCE689 Seminar; (1-16 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE799 **Master's Thesis Research**

ENCE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE898 **Pre-Candidacy Research**

ENCE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE899 **Doctoral Dissertation Research**

ENCE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH Engineering, Chemical Summer 2011

ENCH250 **Computer Methods in Chemical Engineering**

ENCH250 *(PermReq)* **Computer Methods in Chemical Engineering; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENES100; and ENCH215. Corequisite: MATH246. Algorithm development and application of software to the analysis of chemical engineering problems. File management and editing, graphics and numerical methods. Use of spreadsheets, statistics/math software and process simulators for the design of chemical process equipment.

0201	Nam Sun Wang	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 9:00am - 12:30pm	CHE 2136

ENCH300 **Chemical Process Thermodynamics**

ENCH300 *(PermReq)* **Chemical Process Thermodynamics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CHEM241; and ENCH215. Corequisite: MATH241 and ENCH250. Principles of thermodynamics and their application to engineering problems. First and second laws of thermodynamics, properties of gases, liquids and solids, phase equilibrium, flow and non-flow systems, energy conversion, production of work from heat, thermodynamic analysis of processes, equilibrium stage operations and the thermodynamics of chemically reacting systems.

0201	Nam Sun Wang	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MWF 10:00am - 1:00pm	CHE 2136

ENCH437 **Chemical Engineering Laboratory**

ENCH437 *(PermReq)* **Chemical Engineering Laboratory; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENCH424; ENCH426; ENCH440; and ENCH442. Application of chemical engineering process and unit operation principles in small-scale semi-commercial equipment. Data from experimental observations are used to evaluate performance and efficiency of operations. Emphasis on correct presentation of results in report form.

0101	Justin Walker **Meets May 31, 2011 - July 10, 2011** TuTh 11:00am - 12:00pm TuTh 1:00pm - 5:00pm	Seats (Total: 20) CHE 2145 Location: TBA	 Lab

ENCH468 **Research**

ENCH468 *(PermReq)* **Research; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH648 **Special Problems in Chemical Engineering**

ENCH648 Special Problems in Chemical Engineering; (1-16 credits) Grade Method: REG/AUD.

0103	Panagiotis Dimitrakopoulos **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0119	William Bentley **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0203	Panagiotis Dimitrakopoulos **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0208	Sheryl Ehrman **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0219	William Bentley **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

ENCH799 **Master's Thesis Research**

ENCH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH898 **Pre-Candidacy Research**

ENCH898 *(PermReq)* **Pre-Candidacy Research; (1 credit)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH899 **Doctoral Dissertation Research**

ENCH899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCO Engineering, Cooperative Education Summer 2011

ENCO098 **Co-op/Internship Work Experience**

ENCO098 *(PermReq)* **Co-op/Internship Work Experience; (No credit)** Grade Method: S-F.

CP10	Laura Davison **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 999)
CP20	Veronica Perrigan **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 999)

ENEE Electrical & Computer Engineering Summer 2011

ENEE204 **Basic Circuit Theory**

ENEE204 *(PermReq)* **Basic Circuit Theory; (3 credits)** Grade Method: REG.
Prerequisite: PHYS260 and PHYS261 (Formerly: PHYS262). Corequisite: MATH246. Basic circuit elements: resistors, capacitors, inductors, sources, mutual inductance and transformers; their I-V relationships. Kirchoff's Laws. DC and AC steady state analysis. Phasors, node and mesh analysis, superposition, theorems of Thevenin and Norton. Transient analysis for first- and second-order circuits. Engineering College only (04).

0101	Wesley Lawson	Seats (Total: 40)	
	Meets May 31, 2011 - July 21, 2011		
	MTuWTh 12:30pm - 1:50pm	CSI 1121	

ENEE206 **Fundamental Electric and Digital Circuit Laboratory**

ENEE206 *(PermReq)* **Fundamental Electric and Digital Circuit Laboratory; (2 credits)** Grade Method: REG.
Prerequisite: ENEE244. Corequisite: ENEE204. For ENEE majors 09090 only. Credit will be granted for only one of the following: ENEE206 or ENEE305. Formerly ENEE305. Introduction to basic measurement techniques and electrical laboratory equipment (power supplies, oscilloscopes, voltmeters, etc.) Design, construction, and characterization of circuits containing passive elements, operational amplifiers, and digital integrated circuits. Transient and steady-state response. This course is a prerequisite to all upper level ENEE laboratories.

0101	Mohammed Eslami	Seats (Total: 12)	
	Meets May 31, 2011 - July 21, 2011		
	MW 8:00am - 8:50am	CSI 1121	
	MW 9:00am - 12:00pm	AVW 1356	Lab
0102	Mohammed Eslami	Seats (Total: 12)	
	Meets May 31, 2011 - July 21, 2011		
	TuTh 8:00am - 8:50am	CSI 1121	
	TuTh 9:00am - 12:00pm	AVW 1356	Lab

ENEE244 **Digital Logic Design**

ENEE244 *(PermReq)* **Digital Logic Design; (3 credits)** Grade Method: REG.
Sophomore standing and permission of department. For ENEE and ENCP majors only. The design and analysis of combinational and synchronous sequential systems comprising digital logic gates and flip-flop memory devices; underlying tools such as switching and Boolean algebras and Karnaugh map simplification of gate networks; design and use of decoders, multiplexers, encoders, adders, registers, counters, sequence recognizers, programmable logic arrays (PLAs), read-only memories (ROMS, PROMS), and similar devices. Arbitrary radix conversion. Engineering College only (04).

0101	Charles Silio	Seats (Total: 30)
	Meets May 31, 2011 - July 21, 2011	
	MTuWTh 9:30am - 10:50am	CSI 3120

ENEE303 **Analog and Digital Electronics**

ENEE303 *(PermReq)* **Analog and Digital Electronics; (3 credits)** Grade Method: REG.
Prerequisite: A grade of C (2.0) or higher in all required 200-level ENEE courses and permission of department. For ENEE and ENCP majors only. Not open to students who have completed ENEE302 or ENEE312. Credit will be granted for only one of the following: ENEE302 or ENEE303. Conceptual operation of transistors and diodes. Large and small signal operation of BJTs and MOSFETs. Basic transistor configurations. Logic circuits and semiconductor memory. Multi-transistor circuits including differential amplifiers and current mirrors. Frequency response.

0101	Manoj Franklin, Anshu Sarje	Seats (Total: 40)
	Meets May 31, 2011 - July 21, 2011	
	MTuWTh 12:30pm - 1:50pm	CSI 3120

ENEE313 **Introduction to Device Physics**

ENEE313 *(PermReq)* **Introduction to Device Physics; (3 credits)** Grade Method: REG.
Prerequisite: A grade of C (2.0) or higher in all required 200-level courses and permission of department. For ENEE and ENCP majors only. Credit will be granted for only one of the following: ENEE312 or ENEE313. Basic physics of devices including fields in solids, crystal structure, properties of electrons and holes. Current flow in Si using drift-diffusion model. Properties of the pn junction. Properties of devices including BJTs, FETs and their physical characteristics.

0101	Anshu Sarje, Manoj Franklin	Seats (Total: 40)
	Meets May 31, 2011 - July 21, 2011	
	MTuWTh 9:30am - 10:50am	CSI 2120

ENEE324 **Engineering Probability**

ENEE324 *(PermReq)* **Engineering Probability; (3 credits)** Grade Method: REG.
Prerequisite: ENEE322 and completion of all lower-division technical courses in the EE curriculum. Electrical Engineering and Computer Engineering majors may not substitute STAT400 for ENEE324. Credit will be granted for only one of the following: BMGT231, STAT400, or ENEE324. These courses are not interchangeable, consult your program requirements or advisor for what is acceptable toward your program of study. Axioms of probability; conditional probability and Bayes' rules; random variables, probability distribution and densities: functions of random variables: weak law of large numbers and central limit theorem. Introduction to random processes; correlation functions, spectral densities, and linear systems. Applications to noise in electrical systems, filtering of signals from noise, estimation, and digital communications.

0101	Gang Qu	Seats (Total: 40)
	Meets May 31, 2011 - July 21, 2011	
	MTuWTh 11:00am - 12:20pm	CSI 2120

ENEE350 **Computer Organization**

ENEE350 *(PermReq)* **Computer Organization; (3 credits)** Grade Method: REG. *Prerequisite: A grade of C (2.0) or higher in all required 200-level ENEE courses and permission of department. Electrical Engineering and Computer Engineering majors may not substitute CMSC311 for ENEE350. For ENEE and ENCP majors only. Not open to students who have completed ENEE250. Formerly ENEE250.* Structure and organization of digital computers. Registers, memory, control and I/O. Data and instruction formats, addressing modes, assembly language programming. Elements of system software, subroutines and their linkages. ENEE majors (09090) only.

0101	Charles Silio	Seats (Total: 30)
	Meets May 31, 2011 - July 21, 2011	
	MTuWTh 8:00am - 9:20am	CSI 3120

ENEE380 **Electromagnetic Theory**

ENEE380 *(PermReq)* **Electromagnetic Theory; (3 credits)** Grade Method: REG. *Prerequisites: MATH241,(PHYS270 and 271 {Former PHYS263}) and completion of all lower-division technical courses in the EE curriculum.* Introduction to electromagnetic fields. Coulomb's law, Gauss's law, electrical potential, dielectric materials capacitance, boundary value problems, Biot-Savart law, Ampere's law, Lorentz force equation, magnetic materials, magnetic circuits, inductance, time varying fields and Maxwell's equations.

0101	Leonard Taylor	Seats (Total: 40)
	Meets May 31, 2011 - July 21, 2011	
	MTuWTh 12:30pm - 2:15pm	CSI 2120

ENEE488 **Independent Study in Electrical and Computer Engineering**

ENEE488 *(PermReq)* **Independent Study in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499 **Senior Projects in Electrical and Computer Engineering**

ENEE499 *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499L **Senior Projects in Electrical and Computer Engineering**

ENEE499L *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499R **Senior Projects in Electrical and Computer Engineering**

ENEE499R *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE699 **Independent Studies in Electrical Engineering**

ENEE699 *(PermReq)* **Independent Studies in Electrical Engineering; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE799 **Master's Thesis Research**

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE898 **Pre-Candidacy Research**

ENEE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE899 **Doctoral Dissertation Research**

ENEE899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENES Engineering Science Summer 2011

ENES100 **Introduction to Engineering Design**

ENES100 *(PermReq)* **Introduction to Engineering Design; (3 credits)** Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Corequisite: MATH140. Students work as teams to design and build a product using computer software for word-processing, spreadsheet, CAD, and communication skills. Students who wish to register for this section after July 12, 2011, please e-mail summer@umd.edu

YS41	David Lovell	Seats (Total: 38)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:00am - 1:00pm	JMP 1215
	This section is part of The Young Scholars Program. Enrollment by permission only.	
YS42	Peter Chang	Seats (Total: 38)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:00am - 1:00pm	JMP 1116
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ENES102 **Mechanics I**

ENES102 *(PermReq)* **Mechanics I; (3 credits)** Grade Method: REG/P-F/AUD. *Corequisite: MATH140. For engineering majors only. Formerly ENES110.* The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.

0101	Thomas Beigel	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 12:30pm - 2:50pm	EGR 0110

0601	Kevin Calabro	Seats (Total: 40)
	Meets August 1, 2011 - August 19, 2011	
	MTuWThF 9:00am - 1:00pm	EGR 1108

ENES106 **Achieving Success in Mathematics**

ENES106 *(PermReq)* **Achieving Success in Mathematics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. An exploration of the skills and habits needed to successfully complete introductory mathematics courses.

0101	Clarence Baney	Seats (Total: 20)
	Meets June 27, 2011 - July 29, 2011	
	MTuWThF 8:00am - 10:00am	JMP 2202

ENES107 **Achieving College Excellence**

ENES107 *(PermReq)* **Achieving College Excellence; (1 credit)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. An exploration of the skills and habits needed to successfully complete the introductory chemistry course for engineering students. Course will also include strategies for a successful first year experience.

0101	Tamara Hamilton	Seats (Total: 20)
	Meets June 27, 2011 - July 29, 2011	
	MTuWThF 10:30am - 12:30pm	EGR 3102

ENES140 **Discovering New Ventures**

ENES140 Discovering New Ventures; (3 credits) Grade Method: REG/P-F/AUD. *This course may count as an elective for a student at the University of Maryland, depending on the student's specific degree program. It cannot be counted towards the requirements for the Smith School of Business Entrepreneurship Fellow Program..* Students explore dynamic company startup topics by working in teams to design a new venture. This multi-disciplinary course helps students to learn the basic business, strategy, and leadership skills needed to launch new ventures. Topics include learning how to assess the feasibility of a startup venture, as well as how to apply best practices for planning, launching, and managing new companies. Students discuss a wide range of issues of importance and concern to entrepreneurs and learn to recognize opportunities, assess the skills and talents of successful entrepreneurs, and learn models that help them navigate uncertainty.

YS41	James Green	Seats (Total: 65)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:30am - 12:30pm	SCC 2121
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ENES141 **Introduction to High-Tech Product Development and Marketing**

ENES141 Introduction to High-Tech Product Development and Marketing; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.

Multi-disciplinary course covers basic concepts in technology marketing, business, engineering, and entrepreneurship in the context of developing and marketing innovative technology products and services. Mix of lectures, experiential learning, and hands-on team projects, culminating in student team presentations of high-tech product concepts and marketing plans.

YS41	Dean Chang	Seats (Total: 25)
	Meets July 12, 2011 - July 30, 2011	
	MTuWThF 9:30am - 12:30pm	TAP 1103

ENES220 **Mechanics II**

ENES220 *(PermReq)* **Mechanics II; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENES102; and MATH141; and PHYS161. For engineering majors only (not including ENEE majors). Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.

0201	Thomas Beigel **Meets July 11, 2011 - August 21, 2011** MTuWTh 12:00pm - 2:20pm	Seats (Total: 50) EGR 0110
0301	Peter Chang **Meets May 31, 2011 - June 17, 2011** MTuWThF 9:00am - 12:00pm	Seats (Total: 25) EGR 1108

ENES221 **Dynamics**

ENES221 *(PermReq)* **Dynamics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENES102 or ENES110; and MATH141; and PHYS161. Systems of heavy particles and rigid bodies at rest and in motion. Force-acceleration, work-energy and impulse-momentum relationships. Motion of one body relative to another in a plane and in space.

0101	Chandrasekhar Thamire **Meets May 31, 2011 - July 10, 2011** MTuWTh 12:00pm - 2:10pm	Seats (Total: 40) EGR 0135

ENES317 **Introduction to Engineering Leadership**

ENES317 Introduction to Engineering Leadership; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department. Recommended: ENES100 or equivalent. Focus is placed on general leadership theories in addition to real-world applications of leadership in engineering education, industry, and government.

0101	Ramsey Jabaji **Meets June 13, 2011 - July 15, 2011** MTuW 5:00pm - 8:00pm	Seats (Total: 20) EGR 2154

ENES458A **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Assessment**

Contact department for information to register for this course.

ENES458I **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Implementation**

Contact department for information to register for this course.

ENES460 **Fundamentals of Technology Start-Up Ventures**

ENES460 Fundamentals of Technology Start-Up Ventures; (3 credits) Grade Method: REG/P-F/AUD.

Also offered as BUSI758T. Formerly ENES489A. Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.

WB11	James Green	Seats (Total: 65)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ENES472 **International Business Cultures in Engineering and Technology**

ENES472 International Business Cultures in Engineering and Technology; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: permission of department. Sophomore standing. Also offered as SLLC472. Credit will be granted for only one of the following: ARHU439B, ARHU439E, ARHU439T, ENES472, SLLC471, SLLC472 or SLLC473. Formerly ARHU439T. The goal is to provide students with an understanding of cultural aspects pertaining to global business and engineering and develop the cultural understanding, attitudes, and communication skills needed to function appropriately within an increasingly global and multicultural working environment.

WB11	Caine Francis	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

ENFP Engineering, Fire Protection Summer 2011

ENFP429 **Independent Studies**

ENFP429 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP621 **Analytical Procedures of Structural Fire Protection**
Contact department for information to register for this course.

ENFP629 **Selected Topics**

ENFP629 Selected Topics; (3-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP629A **Selected Topics; Advanced Fire Dynamics**
Contact department for information to register for this course.

ENFP629B **Selected Topics; Fire Assessment Methods**

ENFP629B Selected Topics: Fire Assessment Methods; (3-6 credits) Grade Method: REG/AUD.

EF01	Marc Janssens	Seats (Total: 40)
	Meets June 6, 2011 - August 22, 2011	
	Class time/details on ELMs	ONLINE

ENFP629D **Selected Topics; Forensics Fire Analysis**

ENFP629D Selected Topics: Forensics Fire Analysis; (3-6 credits) Grade Method: REG/AUD.

EF01	Gerald Haynes, David Icove	Seats (Total: 40)
	Meets May 31, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ENFP649 **Special Problems**

ENFP649 Special Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP799 **Master's Thesis Research**

ENFP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL English Summer 2011

ENGL101 **Academic Writing**

ENGL101 Academic Writing; (3 credits) Grade Method: REG.
An introductory course in expository writing. An introductory course in academic writing.

0104	Elizabeth Colson **Meets May 31, 2011 - July 10, 2011** Tu 6:00pm - 9:15pm Class time/details on ELMs	Seats (Total: 22) TWS 0223 ONLINE
0201	Thomas Geary **Meets July 11, 2011 - August 21, 2011** TuTh 12:00pm - 3:15pm	Seats (Total: 22) TWS 0214

ENGL205 **Introduction to Shakespeare**

ENGL205 Introduction to Shakespeare; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
Recommended for non-majors. Reading of representative works. Genre, action, character, theme, language, and staging. Shakespeare's relation to Renaissance culture.

WB21	Kimberly Coles **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 20) ONLINE

ENGL212 **English Literature: 1800 to the Present**

ENGL212 English Literature: 1800 to the Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
Surveys the major literary movements of the period, from Romantic to Victorian to Modern. Such authors as Wordsworth, Keats, Bronte, Tennyson, Browning, Yeats, Joyce, Woolf.

0201	Jennifer Wellman	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:15pm	TWS 1105

ENGL221 **American Literature: Beginning to 1865**

ENGL221 American Literature: Beginning to 1865; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
Surveys American writing from the founding of the colonies through the Civil War. Authors such as Taylor, Cooper, Poe, Dickinson.

0101	Rebecca Lush	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MW 9:00am - 12:25pm	TWS 0221

ENGL222 **American Literature: 1865 to Present**

ENGL222 American Literature: 1865 to Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
Surveys American writing from the Civil War through the Cold War. Authors such as Clemens, Frost, Hurston, Bellow.

FF61	Amanda Dykema	Seats (Total: 15)
	Meets August 1, 2011 - August 19, 2011	
	MTuWTh 9:00am - 12:20pm	TWS 0205
	Part of Freshmen First.	

ENGL243 **Introduction to Poetry**

ENGL243 Introduction to Poetry; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
An exploration of arguably the most complex, profound, and ubiquitous expression of human experience. Study through close reading of significant forms and conventions of Western poetic tradition. Poetry's roots in oral and folk traditions and connections to popular song forms.

0201	Lindsay Bernal	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	MW 6:00pm - 9:15pm	TWS 0234

ENGL250 **Introduction to Literature by Women**

ENGL250 Introduction to Literature by Women; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.
Also offered as WMST255. Credit will be granted for only one of the following: ENGL250 or WMST255. Images of women in literature by and about women. Also offered as WMST255.

WB11	Amy Merritt	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ENGL269A **Special Topics in Study Abroad II; American Writers in Paris**
Contact department for information to register for this course.

ENGL278E **Special Topics in Literature: Global Literature and Social Change**

ENGL278E Special Topics in Literature: Global Literature and Social Change; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.
Also offered as CMLT270.

WB21	Sangeeta Ray	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ENGL278W **Literature in a Wired World**

ENGL278W Literature in a Wired World; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.

WB11	Porter Olsen **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 20) ONLINE
WB21	Amanda Visconti **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 20) ONLINE

ENGL301 **Critical Methods in the Study of Literature**

ENGL301 Critical Methods in the Study of Literature; (3 credits) Grade Method: REG/P-F/AUD.
For English or English Education Majors, or English Minors. An introduction to the techniques of literary analysis and a brief survey of the most common approaches to literature.

0101	Vessela Valiavitcharska **Meets May 31, 2011 - July 10, 2011** TuTh 1:00pm - 4:15pm	Seats (Total: 25) TWS 0214

ENGL304 **The Major Works of Shakespeare**

ENGL304 The Major Works of Shakespeare; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Not open to students who have completed ENGL403 and ENGL404. Representative early, middle, and later works, including comedies, tragedies, histories, and romances. Historical and cultural contexts.

0201	Jasmine Lellock **Meets July 11, 2011 - August 21, 2011** MW 1:00pm - 4:15pm	Seats (Total: 35) TWS 0214

ENGL329B **Special Topics in Film Studies; English Literature on Film in the Twenty-First Century**

ENGL329B Special Topics in Film Studies: English Literature on Film in the Twenty-First Century; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Joseph Byrne	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ENGL329C **Special Topics in Film Studies; Sexuality in the Cinema**

ENGL329C Special Topics in Film Studies: Sexuality in the Cinema; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as CMLT498L.

0201	Eugene Robinson	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:15pm	TWS 0205

ENGL348C **Literary Works by Women; Science Fiction**

ENGL348C Literary Works by Women: Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as WMST348C.

0101	Jane Donawerth	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:15pm	TWS 0234

ENGL362 **Caribbean Literature in English**

ENGL362 Caribbean Literature in English; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Political and literary traditions that intersect in the fiction, poetry, and drama written in English by Caribbean writers, primarily during the 20th century.

WB11	Merle Collins	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

ENGL369A **Special Topics in Study Abroad III; American Writers in Paris**
Contact department for information to register for this course.

ENGL369J **Special Topics in Study Abroad III; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

ENGL369P **Special Topics in Study Abroad III; Politics and Science Fiction**
Contact department for information to register for this course.

ENGL379L **Special Topics in Literature; Introduction to the Graphic Novel**

ENGL379L Special Topics in Literature: Introduction to the Graphic Novel; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Linda Macri	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

ENGL379X **Special Topics in Literature; UK: London Study Abroad: Literature, History, Drama, Architecture, Art and Archeology**
Contact department for information to register for this course.

ENGL388 **Writing Internship**

ENGL388 *(PermReq)* **Writing Internship; (1-6 credits)** Grade Method: REG. Prerequisite: permission of the department. All assignments submitted online. Please contact Contact Jennifer Ashlock, jashlock@umd.edu

WB21	Jennifer Dunsmore	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

ENGL391 **Advanced Composition**

ENGL391 Advanced Composition; (3 credits) Grade Method: REG. *Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement.* An advanced composition course which emphasizes constructing written arguments accommodated to real audiences.

0102	Mark Forrester **Meets May 31, 2011 - July 10, 2011** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0207
0107	Mark Fitzgerald **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224
0201	Timothy Denevi **Meets July 11, 2011 - August 21, 2011** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0214
0204	Melanie Faith **Meets July 11, 2011 - August 21, 2011** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232
0205	Pamela Gerhardt **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232

ENGL392 **Legal Writing**

ENGL392 Legal Writing; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. Conventions of legal writing and research. Students learn how to read and write about cases, statutes or other legislation; how to apply legal principles to fact scenarios; and how to present a written analysis for readers in the legal profession. Assignments may include the law-school application essay, case briefs, legal memos, and client letters.

0102	William Schatz **Meets May 31, 2011 - July 10, 2011** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0224

ENGL393 **Technical Writing**

ENGL393 Technical Writing; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. The writing of technical papers and reports.

0101	Kelly Cresap **Meets May 31, 2011 - July 10, 2011** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0201
0102	Joseph Wappel **Meets May 31, 2011 - July 10, 2011** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0232
0103	Kelly Cresap **Meets May 31, 2011 - July 10, 2011** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0201
0108	Ellen Blumner **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232
0109	Amanda Olson **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:20pm	Seats (Total: 22) TWS 0207
0112	Joseph Wappel **Meets May 31, 2011 - July 10, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232
0113	Ann Mason **Meets May 31, 2011 - July 10, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0207
0201	Morgan Fritz **Meets July 11, 2011 - August 21, 2011** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0201
0202	Daniel Saalfeld **Meets July 11, 2011 - August 21, 2011** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0232

0206	Ellen Blumner **Meets July 11, 2011 - August 21, 2011** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0230
0207	Michael Winett **Meets July 11, 2011 - August 21, 2011** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224
0209	Paul Haynos **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0223
0210	Michael Winett **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224

ENGL393X **Technical Writing**

ENGL393X *(PermReq)* **Technical Writing; (3 credits)** Grade Method: REG. *Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement.* For students for whom English is a second language. By permission from Grace Crussiah (gjc@umd.edu) only.

0103	Connie Inukai **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:15pm	Seats (Total: 15) TWS 0230
0202	Daniel Saalfeld **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 15) TWS 0230

ENGL394 **Business Writing**

ENGL394 Business Writing; (3 credits) Grade Method: REG. *Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement.* Intensive practice in the forms of written communication common in the business world-letters, memos, short reports, and proposals. Principles of rhetoric and effective style.

0101	Frederick Bolton **Meets May 31, 2011 - July 10, 2011** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 1105
0104	Mary Turner **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0221
0107	Donald McGlew **Meets May 31, 2011 - July 10, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0205
0202	Thomas Lowderbaugh **Meets July 11, 2011 - August 21, 2011** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0224
0204	Katherine Wilson **Meets July 11, 2011 - August 21, 2011** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 1105
0206	Ceil Goldberg **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0207

ENGL395 **Writing for Health Professions**

ENGL395 Writing for Health Professions; (3 credits) Grade Method: REG. *Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement.* Focus on accommodating technical material and empirical studies to lay audiences, and helping writers to achieve stylistic flexibility and correctness.

0102	Phillip Moses **Meets May 31, 2011 - July 10, 2011** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 1105

ENGL398V **Topics in Professional Writing; Writing about the Environment**

ENGL398V Topics in Professional Writing: Writing about the Environment; (3 credits) Grade Method: REG.
Prerequisite: 60 credits and completion of ENGL101 or equivalent. This course satisfies the professional writing requirement. Not open to students who have completed ENGL393E. Click here for more information.

0101	Mary Shea	Seats (Total: 22)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:30am - 12:45pm	TWS 0224

ENGL429 **Independent Research in English**

ENGL429 *(PermReq)* **Independent Research in English; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL433 **American Literature: 1914 to the Present, the Modern Period**

ENGL433 American Literature: 1914 to the Present, the Modern Period; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two English courses in literature or permission of department.
Modernism, Postmodernism. Writers such as Stevens, Stein, Ellison. Also offered as ENGL631.

0201	Peter Mallios	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 1:00pm - 4:15pm	TWS 0236

ENGL452 **English Drama From 1660 to 1800**

ENGL452 English Drama From 1660 to 1800; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two English courses in literature or permission of department.
Restoration and eighteenth-century drama, with special attention to theater history, cultural influences, concepts of tragedy, comedy, farce, parody, and burlesque, as well as dramatic and verbal wit. Also offered as ENGL623.

0101	Laura Rosenthal	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MW 1:00pm - 4:25pm	TWS 1107

ENGL462 **Folksong and Ballad**

ENGL462 Folksong and Ballad; (3 credits) Grade Method: REG/P-F/AUD.
A cross-section of American folk and popular songs in their cultural contexts; artists from Bill Monroe to Robert Johnson. Also offered as ENGL629.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MW 1:00pm - 4:15pm	TWS 0201

ENGL479N **Selected Topics in English and American Literature after 1800; The Writer in the World**
Contact department for information to register for this course.

ENGL495 **Independent Study in Honors**

ENGL495 Independent Study in Honors; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisites: Candidacy for honors in English and ENGL370 and ENGL373. For ENGL majors only. Completion and presentation of the senior honors project.

Contact department for information to register for this course.

ENGL623 **Readings in Eighteenth-Century English Literature**

ENGL623 Readings in Eighteenth-Century English Literature; (3 credits) Grade Method: REG/AUD.
Also offered as ENGL452.

0101	Laura Rosenthal	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MW 1:00pm - 4:25pm	TWS 1107

ENGL629 **Readings in Folklore and Folklife; Folksong and Ballad**

ENGL629 Readings in Folklore and Folklife: Folksong and Ballad; (3 credits)
Grade Method: REG/AUD.
Also offered as ENGL462.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MW 1:00pm - 4:15pm	TWS 0201

ENGL631 **Readings in 20th Century American Literature**

ENGL631 Readings in 20th Century American Literature; (3 credits) Grade Method: REG/AUD.
Also offered as ENGL433.

0201	Peter Mallios	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 1:00pm - 4:15pm	TWS 0236

ENGL699 **Independent Study**

ENGL699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL799 **Master's Thesis Research**

ENGL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL898 **Pre-Candidacy Research**

ENGL898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0201	Instructor: TBA	Seats (Total: 1)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

ENGL899 **Doctoral Dissertation Research**

ENGL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA Engineering, Materials Summer 2011

ENMA489 **Selected Topics in Engineering Materials**

ENMA489 *(PermReq)* **Selected Topics in Engineering Materials; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA499 **Senior Laboratory Project**

ENMA499 *(PermReq)* **Senior Laboratory Project; (3 credits)** Grade Method: REG/P-F/AUD.

0201	Robert Briber	Seats (Total: 1)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

ENMA698 **Special Problems in Materials Science and Engineering**

ENMA698 Special Problems in Materials Science and Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA799 **Master's Thesis Research**

ENMA799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA898 **Pre-Candidacy Research**

ENMA898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Manfred Wuttig **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0114	Patrick McCluskey **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0120	Gottlieb Oehrlein **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0123	Joonil Seog **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0201	Manfred Wuttig **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0214	Patrick McCluskey **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0223	Joonil Seog **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0230	Isabel Lloyd **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 1)

ENMA899 **Doctoral Dissertation Research**

ENMA899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME Engineering, Mechanical Summer 2011

ENME232 **Thermodynamics**

ENME232 Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PHYS260 and PHYS261 (Formerly: PHYS262).* Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.

0101	Kristen Hines	Seats (Total: 32)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 12:00pm - 2:00pm	EGR 0108

ENME271 **Introduction to Matlab**

ENME271 Introduction to Matlab; (3 credits) Grade Method: REG. *Prerequisite: ENES221.* Develop the skills to generate readable, compact and verifiably correct MATLAB scripts and functions to obtain numerical solutions to a wide range of engineering models and to display the results with fully annotated graphics. Learn structured programming.

0201	Christopher Chabalko	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MW 12:30pm - 4:00pm	KEB 2111

ENME331 **Fluid Mechanics**

ENME331 Fluid Mechanics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisites: ENME232 and ENES221.* Principles of fluid mechanics. Mass, momentum and energy conservation. Hydrostatics. Control volume analysis. Internal and external flow. Boundary layers. Modern measurement techniques. Computer analysis. Laboratory experiments.

0102	Xinan Liu	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 12:30pm - 4:00pm	EGR 3106

ENME332 **Transfer Processes**

ENME332 Transfer Processes; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENME331. The principles of heat transfer. Conduction in solids. Convection. Radiation. Modern measurement techniques. Computer analysis.

0101	Amir Shooshtari, Michael Ohadi	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 9:00am - 10:40am	EGR 0135	

ENME351 **Electronics and Instrumentation II**

ENME351 Electronics and Instrumentation II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENME350 and (PHY 270 and 271 {Formerly PHYS263}). Continuation of ENME 350. Modern instrumentation. Basic circuit design, standard microelectronic circuits. Digital data acquisition and control. Signal conditioning. Instrumentation interfacing. Designing and testing of analog circuits. Laboratory experiments.

0101	James Borrelli	Seats (Total: 15)	
	Meets May 31, 2011 - July 10, 2011		
	MW 11:30am - 1:30pm	EGR 1110	
	MW 1:40pm - 3:40pm	EGR 0126	Lab

ENME361 **Vibration, Controls and Optimization I**

ENME361 Vibration, Controls and Optimization I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENES220, ENES221, ENME271, and MATH246. For ENME majors only. Fundamentals of vibration, controls and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical description of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Vincent Nguyen	Seats (Total: 45)	
	Meets May 31, 2011 - July 10, 2011		
	MTuW 9:00am - 11:20am	EGR 3106	

ENME400 **Machine Design**

ENME400 Machine Design; (3 credits) Grade Method: REG/P-F/AUD.
Senior standing. Working stresses, stress concentration, stress analysis and repeated loadings. Design of machine elements. Kinematics of mechanisms.

0101	Thomas Beigel	Seats (Total: 35)
	Meets May 31, 2011 - July 10, 2011	
	MW 4:00pm - 6:00pm	EGR 0108
	Tu 4:00pm - 6:45pm	EGR 0108
0201	Thomas Beigel	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	MW 4:00pm - 6:00pm	EGR 0108
	Tu 3:00pm - 5:45pm	EGR 0110

ENME414 **Computer-Aided Design**

ENME414 Computer-Aided Design; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241 or equivalent. Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.

0301	Guangming Zhang	Seats (Total: 29)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 8:00am - 11:00am	EGR 0312

ENME462 **Vibrations, Controls, and Optimization II**

ENME462 Vibrations, Controls, and Optimization II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENME351 and ENME361. Formerly ENME362. Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Timothy Fitzgerald	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 10:00am - 11:40am	EGR 0110

ENME470 **Finite Element Analysis**

ENME470 Finite Element Analysis; (3 credits) Grade Method: REG/P-F/AUD. *Senior standing.* Basic concepts of the theory of the finite element method. Applications in solid mechanics and heat transfer.

0301	Guangming Zhang	Seats (Total: 30)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 12:00pm - 3:00pm	KEB 2111

ENME488 **Special Problems**

ENME488 *(PermReq)* **Special Problems; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME635 **Energy Systems Analysis**
Contact department for information to register for this course.

ENME700 **Advanced Mechanical Engineering Analysis I**
Contact department for information to register for this course.

ENME799 **Master's Thesis Research**

ENME799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME808 **Advanced Topics in Mechanical Engineering**
Contact department for information to register for this course.

ENME898 **Pre-Candidacy Research**

ENME898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME899 **Doctoral Dissertation Research**

ENME899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENNU Engineering, Nuclear Summer 2011

ENNU620 **Mathematical Techniques for Engineering Analysis and Modeling**

ENNU620 Mathematical Techniques for Engineering Analysis and Modeling; (3 credits) Grade Method: REG.
Also offered as ENRE 620. Probability and probability distributions; statistics; ordinary differential equations; linear algebra and vectors; Laplace transform; Fourier analysis; boundary value problems; series solutions to differential equations; partial differential equations; numerical methods.

0101	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 25) EGR 2103
ER01	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 10) Location: TBA
NE01	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 10) Location: TBA
RE01	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 10) Location: TBA
SM01	Thomas Fenstermacher **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 2)

ENNU648 **Special Problems in Nuclear Engineering**

ENNU648 Special Problems in Nuclear Engineering; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENPM Engineering, Professional Masters Summer 2011

ENPM652 **Applied Finite Element Methods**

ENPM652 Applied Finite Element Methods; (3 credits) Grade Method: REG/AUD. *Credit will be granted for only one of the following: ENPM652 or ENPM808F. Formerly ENPM808F.* For engineering and science students with little or no previous knowledge of the FEM. Study of FEM, using straightforward mathematics. Students should understand basic concepts and equations of elasticity and thermal heat flow, be familiar with simple matrix algebra. Covers stress analysis and thermal analysis problems. ANSYS finite element code will be used for examples and homework solutions. Basic problem solving procedure will be developed for using finite element computer codes.

CP01	Jeffery Etheridge **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 30) EGR 2103
HT01	Jeffery Etheridge **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SG01	Jeffery Etheridge **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SM01	Jeffery Etheridge **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM654 **Energy Systems Management**

ENPM654 Energy Systems Management; (3 credits) Grade Method: REG/AUD. *Formerly ENPM808E.* Covers a wide range of energy management and energy efficiency topics including energy auditing, energy efficient lighting systems and motors, demand limiting and control, control strategies for optimization, direct digital control, integrated building automation systems, communication networks, distributed generation, cogeneration, combined heat and power, process energy management and the associated economic analyses. Included will be the latest internet based technologies for accessing real-time energy pricing and managing energy demand remotely for multiple buildings or campuses.

ME01	Stephen Treado **Meets May 31, 2011 - July 25, 2011** Class time/details on ELMs	Seats (Total: 40) ONLINE

ENPM675 **Operating System Design**

ENPM675 Operating System Design; (3 credits) Grade Method: REG/AUD. *Prerequisite: Undergraduate coursework in computer organization and assembly language programming. Credit will be granted for only one of the following: ENPM675 or ENPM808O. Formerly ENPM808O.* An overview that covers process management (processes and threads, process scheduling, and process synchronization and communication), memory management (main and virtual), storage management (file and I/O), and protection and security.

CP01	Manoj Franklin **Meets June 1, 2011 - July 25, 2011** MW 6:00pm - 8:40pm	Seats (Total: 30) EGR 2107
HT01	Manoj Franklin **Meets June 1, 2011 - July 25, 2011** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SG01	Manoj Franklin **Meets June 1, 2011 - July 25, 2011** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SM01	Manoj Franklin **Meets June 1, 2011 - July 25, 2011** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM808 **Advanced Topics in Engineering**

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3 credits)** Grade Method: REG/AUD.

CP01	George Syrmos **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
CP02	George Syrmos **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
EF01	George Syrmos **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 10) ONLINE

ENPM808L **Advanced Topics in Engineering; Ocean Energy Harvesting**

ENPM808L Advanced Topics in Engineering: Ocean Energy Harvesting; (3 credits) Grade Method: REG/AUD.

CP01	Robert Latorre **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 25) ITV 1100
HT01	Robert Latorre **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
ME01	Robert Latorre **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 20) ONLINE
SG01	Robert Latorre **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

SM01	Robert Latorre **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM808T **Advanced Topics in Engineering; Wireless Communications: Concepts and Technologies**

ENPM808T Advanced Topics in Engineering: Wireless Communications: Concepts and Technologies; (3 credits) Grade Method: REG/AUD.

CP01	Seyed Bahari **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 30) ITV 1111
HT01	Seyed Bahari **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SG01	Seyed Bahari **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SM01	Seyed Bahari **Meets May 31, 2011 - July 21, 2011** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENRE Reliability Engineering Summer 2011

ENRE620 **Mathematical Techniques of Reliability Engineering**

ENRE620 Mathematical Techniques of Reliability Engineering; (3 credits) Grade Method: REG/AUD.

Also offered as ENNU 620. Basic probability and statistics (required for ENRE 600 and ENRE 602). Application of selected mathematical techniques to the analysis and solution of reliability engineering problems. Applications of matrices, vectors, tensors, differential equations, integral transforms, and probability methods to a wide range of reliability related problems.

0101	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 25) EGR 2103

ER01	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 10) Location: TBA
NE01	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 10) Location: TBA
RE01	Thomas Fenstermacher **Meets May 31, 2011 - July 21, 2011** MW 4:00pm - 6:50pm	Seats (Total: 10) Location: TBA
SM01	Thomas Fenstermacher **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 2)

ENRE642 **Reliability Engineering Management**

ENRE642 *(PermReq)* **Reliability Engineering Management; (3 credits)** Grade Method: REG/AUD.
Unifying systems perspective of reliability engineering management. Design, development and management of organizations and reliability programs including: management of systems evaluation and test protocols, development of risk management-mitigation processes, and management of functional tasks performed by reliability engineers.

0101	Frederick Schenkelberg **Meets May 31, 2011 - June 10, 2011** MTuWThF 9:00am - 3:00pm	Seats (Total: 15) EGR 2103
ER01	Frederick Schenkelberg **Meets May 31, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
RE01	Frederick Schenkelberg **Meets May 31, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 15)

ENRE648 **Special Problems in Reliability Engineering**

ENRE648 *(PermReq)* **Special Problems in Reliability Engineering; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE799 **Master's Thesis Research**

ENRE799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE898 **Pre-Candidacy Research**

ENRE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE899 **Doctoral Dissertation Research**

ENRE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST Environmental Science and Technology Summer 2011

ENST389 **Internship**

ENST389 *(PermReq)* **Internship; (3 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST489 **Field Experience**

ENST489 *(PermReq)* **Field Experience; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST499 **Special Topics in Environmental Science and Technology**
Contact department for information to register for this course.

ENST499P **Special Topics in Environmental Science and Technology; Ecology and Natural Resources Management in Brazil**
Contact department for information to register for this course.

ENST608 **Research Methods**
Contact department for information to register for this course.

ENST608A **Research Methods; Field Studies in Pedology**

ENST608A Research Methods: Field Studies in Pedology; (1 credit) Grade Method: REG/AUD.
Students who wish to register for this section after July 15, 2011, plea se e-mail summer@umd.edu.

0601	Martin Rabenhorst	Seats (Total: 10)
	Meets August 8, 2011 - August 11, 2011	
	Contact instructor or department for details.	

ENST689K **Special Topics; Algae of the Chesapeake**

ENST689K Special Topics: Algae of the Chesapeake; (3 credits) Grade Method: REG/AUD.
Prerequisite: BIOL106 or equivalent.An ecological and taxonomic survey of algal groups found in the estuarine portion of the Chesapeake Bay. This is a field-oriented course with all day trips to different locations on the bay for collecting algae and learning about algal habitats. Lab/lecture sessions follow field trips for examination and discussion of the collections made during the trips. Emphasis is on the macroalgal flora of the Chespeake Bay and its watershed, but all algal life forms will be covered in the course.

0101	Patrick Kangas	Seats (Total: 10)	
	Meets May 31, 2011 - July 10, 2011		
	Th 1:00pm - 2:50pm W 7:00am - 7:00pm	ANS 0422 Location: TBA	Lab

ENST689P **Special Topics; Ecology and Natural Resources Management in Brazil**
Contact department for information to register for this course.

ENST799 **Master's Thesis Research**

ENST799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST898 **Pre-Candidacy Research**

ENST898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST899 **Doctoral Dissertation Research**

ENST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENTS Telecommunications Summer 2011

ENTS609 **Telecommunications Project**

ENTS609 *(PermReq)* **Telecommunications Project; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENTS654 **Optimization and Analysis of GSM Networks**

ENTS654 Optimization and Analysis of GSM Networks; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENTS689A or ENTS653; and permission of department. Restricted to ENTS majors. All non-majors will need to obtain permission of department. Credit will be granted for only one of the following: ENTS654 or ENTS689B. The techniques needed to successfully optimize a functioning GSM networkwill be examined. Students will conduct extensive drive tests of a working network in the Washington DC area using state-of-the-art drivetest equipment and will analyze the recorded data with post-processing analysis tools. Also, they will learn to recognize problems based on network behaviors and what courses of action are available for correction. Lab work and data collection will constitute amajority of the class work.

0101	Michael Dellomo	Seats (Total: 15)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 5:30pm - 8:15pm	EGR 1102	
	W 3:00pm - 8:00pm	EGR 1110	Lab

ENTS699 **Independent Study in Telecommunications**
Contact department for information to register for this course.

EPIB Epidemiology and Biostatistics Summer 2011

EPIB610 **Foundations of Epidemiology**

EPIB610 *(PermReq)* **Foundations of Epidemiology; (3 credits)** Grade Method: REG/AUD.
Not open to students who have completed HLTH720. Credit will be granted for only one of the following: EPIB610 or HLTH720. Formerly HLTH720. Introduction to the discipline of epidemiology and its applications to health issues and practices. Basic epidemiologic concepts and methods will be covered.

0101	Olivia Carter-Pokras	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 4:00pm - 7:10pm	SPH 0303	

EPIB785 **Internship in Public Health**

EPIB785 *(PermReq)* **Internship in Public Health; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

0125	Deborah Young **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0126	Guangyu Zhang **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0225	Deborah Young **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

EPIB786 **Capstone Project in Public Health**

EPIB786 *(PermReq)* **Capstone Project in Public Health; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

EPIB798 **Independent Study**

EPIB798 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB799 **Master's Thesis Research**

EPIB799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB898 **Pre-Candidacy Research**

EPIB898 Pre-Candidacy Research; (1-3 credits) Grade Method: REG.

0225	Deborah Young	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

EXST Office of Extended Studies Summer 2011

EXST001 **Residential Package**
Contact department for information to register for this course.

EXST002 **Commuter Package**
Contact department for information to register for this course.

EXST010 **Hear Me Out! An Introduction to Public Speaking and Debate**

EXST010 *(PermReq)* **Hear Me Out! An Introduction to Public Speaking and Debate; (No CEU'S)** Grade Method: NGI.
Prerequisite: permission of department.

YD41	Sean Luechtefeld	Seats (Total: 20)
	Meets July 18, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:30pm	EDU 0202

EXST011 **Designing Your Own Business**

EXST011 *(PermReq)* **Designing Your Own Business; (No CEU'S)** Grade Method: NGI.
Prerequisite: permission of department.

YD41	Akbar Dawood	Seats (Total: 20)
	Meets July 18, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:30pm	TWS 0207

EXST012 **Learning About the United Nations**

EXST012 *(PermReq)* **Learning About the United Nations; (No CEU'S)** Grade Method: NGI.
Prerequisite: permission of department.

YD41	Javiera Alarcon	Seats (Total: 20)
	Meets July 18, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:30pm	EDU 3233

EXST013 **Why Weather Works**

EXST013 *(PermReq)* **Why Weather Works; (No CEU'S)** Grade Method: NGI.
Prerequisite: permission of department.

YD41	Robert Hudson, Javier Amezcua	Seats (Total: 20)
	Meets July 18, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:30pm	TWS 1107

EXST014 **Exploring Architecture**

EXST014 *(PermReq)* **Exploring Architecture; (No credit)** Grade Method: NGI.

YD41	Katherine Melluish	Seats (Total: 20)
	Meets July 18, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:30pm	ARC 1121
	This is part of the Young Scholars Discovery program.	

EXST015 **Latin Word Roots**

EXST015 *(PermReq)* **Latin Word Roots; (No CEU'S)** Grade Method: NGI.

YD41	Thomas Buck	Seats (Total: 20)
	Meets July 18, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:30pm	TWS 0236
	This is part of the Young Scholars Discovery Program.	

EXST075 **Special Topic Seminar and Workshop**
Contact department for information to register for this course.

EXST076 **Introduction to the Program**
Contact department for information to register for this course.

EXST152 **LSAT Prep Workshop**

EXST152 *(PermReq)* **LSAT Prep Workshop; (No CEU'S)** Grade Method: NGI. *Prerequisite: permission of department.* Provides students with LSAT content and test taking strategies from a leading provider of LSAT exam consutants. The Princeton Review. Over 35 hours of live instruction and diagnostic testing and includes all course books as well as access to the vast array of Princeton Review's online test materials.

PC02	Instructor: TBA	Seats (Total: 1)
	Meets July 14, 2011 - September 6, 2011	
	Contact instructor or department for details.	
	Class meets Tuesdays 6:00pm - 9:00pm (July 19, 26, August 2, 9, 16, 30, September 6) and Thursdays 6:00pm - 9:30pm (July 14, August 11, September 1).	

FMSC Family Science Summer 2011

FMSC260 **Couple Relationships**

FMSC260 Couple Relationships; (3 credits) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: FMSC260 or FMST260. Formerly FMST260.* Couple relationships and their alternatives in contemporary dating, courtship and marriage.

WB21	Elise Resnick	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

FMSC298F **Future of Families: Issues and Controversies**

FMSC298F Future of Families: Issues and Controversies; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.

YS41	Kimberly Van Putten-Garnder	Seats (Total: 25)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 10:00am - 1:00pm	SPH 0305
	This section is part of The Young Scholars Program. Enrollment by permi sion only.	

FMSC330 **Family Theories and Patterns**

FMSC330 Family Theories and Patterns; (3 credits) Grade Method: REG/AUD. *Junior standing. Credit will be granted for only one of the following: FMSC330 or FMST330. Formerly FMST330.* Theory and research on the family, including a cross-cultural analysis of family patterns.

0301	Robyn Zeiger	Seats (Total: 50)
	Meets May 31, 2011 - June 17, 2011	
	MTuTh 9:00am - 12:15pm	SPH 1302

FMSC332 **Children in Families**

FMSC332 Children in Families; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: FMSC/FMST105 or PSYC100. Credit will be granted for only one of the following: FMSC332 or FMST332. Formerly FMST332.* A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin, and the community.

WB11	Amanda Berger	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE
WB21	Barbara Singer	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

FMSC341 **Personal and Family Finance**

FMSC341 Personal and Family Finance; (3 credits) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: FMSC341 or FMST341. Formerly FMST341.* Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security.

WB11	William Knight	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

WB21	Katherine Speirs **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 35) ONLINE
WB22	William Knight **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 30) ONLINE

FMSC381 **Poverty, Affluence, and Families**

FMSC381 Poverty, Affluence, and Families; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: SOCY100 or SOCY105. Credit will be granted for only one of the following: FMSC381 or FMST381. Formerly FMST381. Social, political, cultural and economic factors influencing income and wealth in American families.

WB41	Kevin Roy **Meets July 11, 2011 - August 21, 2011** Class time/details on ELMs	Seats (Total: 40) ONLINE

FMSC383 **Delivery of Human Services to Families**

FMSC383 Delivery of Human Services to Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC/FMST330. Credit will be granted for only one of the following: FMSC383 or FMST383. Formerly FMST383. Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families.

0201	Jacqueline Wallen **Meets July 11, 2011 - August 21, 2011** MW 9:30am - 12:50pm	Seats (Total: 35) SPH 0302

FMSC386 **Experiential Learning**

FMSC386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing. Credit will be granted for only one of the following: FMSC386 or FMST386. Formerly FMST386.

Contact department for information to register for this course.

FMSC399 **Independent Study**

FMSC399 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individualized family and community studies projects of interest to student and faculty.

Contact department for information to register for this course.

FMSC431 **Family Crises and Intervention**

FMSC431 Family Crises and Intervention; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Credit will be granted for only one of the following: FMSC431 or FMST431. Formerly FMST431. Family crises such as divorce, disability, substance abuse, financial problems, intra-familial abuse, and death. Theories and techniques for intervention and enhancement of family coping strategies.

0101	Robyn Zeiger	Seats (Total: 50)
	Meets May 31, 2011 - July 8, 2011	
	TuTh 2:00pm - 5:20pm	SPH 0302

FMSC460 **Violence in Families**

FMSC460 Violence in Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100 or SOCY100 or SOCY105. Credit will be granted for only one of the following: FMSC460 or FMST460. Formerly FMST460. Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation. Students who wish to register for this section after June 6, 2011, please e-mail summer@umd.edu. There are two exams (a midterm and a final exam) which must be completed at a proctored location during a designated 48-hour window for each exam.

WB31	Christine Schull **Meets May 31, 2011 - June 17, 2011** Class time/details on ELMs	Seats (Total: 45) ONLINE
WB51	Christine Schull **Meets June 20, 2011 - July 8, 2011** Class time/details on ELMs	Seats (Total: 45) ONLINE

FMSC477 **Internship and Analysis in Family Science**

FMSC477 *(PermReq)* **Internship and Analysis in Family Science; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: FMST383, plus an additional six FMSC/FMST credits and permission of department. For FMSC majors only. Credit will be granted for only one of the following: FMSC477, FMST347 or FMST477. Formerly FMST477. A supervised internship and a seminar requiring analysis. Opportunities to integrate theory and practice including 120 hours of contracted field experience. Summer or fall internship contracts due May 1; Spring contracts due December 1. See department for application procedures. A planned, supervised internship complemented by analysis. Opportunities to integrate theory and practice. Field experience requires minimum of 120 hours per semester.

0101	Nicole Finkbeiner **Meets May 31, 2011 - August 19, 2011** W 9:30am - 11:00am Contact instructor or department for details.	Seats (Total: 45) SPH 0308

FMSC485 **Introduction to Family Therapy**

FMSC485 Introduction to Family Therapy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC/FMST330 or FMSC/FMST370; or one psychology course at 300 or above level. Credit will be granted for only one of the following: FMSC485 or FMST485. Formerly FMST485. The fundamental theoretical concepts and clinical procedures of marital and family therapy including premarital and divorce therapy issues.

WB21	Laura Evans	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

FMSC487 **Legal Aspects of Family Problems**

FMSC487 Legal Aspects of Family Problems; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: FMSC487 or FMST487. Formerly FMST487. Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life.

WB31	Kerry Tripp	Seats (Total: 50)
	Meets May 31, 2011 - June 17, 2011	
	Class time/details on ELMs	ONLINE

FMSC498 **Special Topics: Family Science**

FMSC498 *(PermReq)* **Special Topics: Family Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individual family studies instruction course on topics of interest to student and faculty.

Contact department for information to register for this course.

FMSC498B **Special Topics: Family Science; Death and Loss in Family Life**

FMSC498B Special Topics: Family Science: Death and Loss in Family Life; (3 credits) Grade Method: REG/P-F/AUD.
Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

WB51	Kevin Roy, Jinhee Kim	Seats (Total: 40)
	Meets June 20, 2011 - July 8, 2011	
	Class time/details on ELMs	ONLINE

FMSC498D **Special Topics: Family Science; Credit Cards and College Students**

FMSC498D Special Topics: Family Science: Credit Cards and College Students; (1 credit) Grade Method: REG/P-F/AUD.
Topics will include financial goals, spending plan, wise use of credit, debt management, consumer credit protection, and ID Theft. Online lessons will include video clips and interactive class activities. Students will learn the basics to build a strong financial future.

WB31	Jinhee Kim	Seats (Total: 45)
	Meets May 31, 2011 - June 17, 2011	
	Class time/details on ELMs	ONLINE

FMSC498E **Special Topics: Family Science; The Role of Men in Gender Equitable Communities**

FMSC498E *(PermReq)* **Special Topics: Family Science: The Role of Men in Gender Equitable Communities; (3 credits)** Grade Method: REG/P-F/AUD.
Examination of issues surrounding images of masculinity and gendered interaction in American culture. Identification of challenges faced by men across genders. Exploration of the manifestation of these issues through a cultural and community context utilizing a theory based, interactive approach. Male-centered skills/strategies for creating a mentoring project for middle school males involving the application of course content will be explored.

0401	Elaine Anderson	Seats (Total: 20)
	Meets July 11, 2011 - July 29, 2011	
	MTuWTh 11:00am - 2:15pm	SPH 0307
	Credit will only be given for one of the following: FMSC498G or FMSC498 .	

FMSC498N **Special Topics: Family Science; Iceland: Nordic Child & Family Health**
Contact department for information to register for this course.

FMSC498T **Special Topics: Family Science; Sexuality: Issues in Family Therapy and Service Delivery**

FMSC498T Special Topics: Family Science: Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/P-F/AUD.

0101	Norman Epstein	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:30am - 12:50pm	Location: TBA

FMSC498W **Special Topics: Family Science; War and Families**

FMSC498W Special Topics: Family Science: War and Families; (3 credits) Grade Method: REG/P-F/AUD.

WB41	Patricia Fanflik	Seats (Total: 45)
	Meets July 11, 2011 - July 29, 2011	
	Class time/details on ELMs	ONLINE

FMSC640 **Family Therapy: Theory and Techniques**

FMSC640 *(PermReq)* **Family Therapy: Theory and Techniques; (3 credits)** Grade Method: REG/AUD.
Credit will be granted for only one of the following: FMSC640 or FMST640. Formerly FMST640. Overview of fundamental theoretical concepts and clinical procedures in marital and family therapy, with an emphasis on those therapies which operate from a family systems perspective.

WB21	Laura Evans	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

FMSC645 **Sexuality: Issues in Family Therapy and Service Delivery**

FMSC645 Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/AUD.
Prerequisites: a basic course in human sexuality and permission of instructor. Credit will be granted for only one of the following: FMSC645 or FMST645. Formerly FMST645. Typical, dysfunctional, and pathological sexual functioning: effects on individuals, couples, and family systems. Sensitizes students to sexual issues, explores how perceptions or such issues affect work with people, and emphasizes implications for marriage and family therapy.

0101	Norman Epstein	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:30am - 12:50pm	Location: TBA

FMSC654 **Clinical Marriage and Family Therapy Practice**

FMSC654 Clinical Marriage and Family Therapy Practice; (3 credits) Grade Method: REG/AUD.
Prerequisite: FMSC/FMST651. Limited to students admitted to the family therapy program. Credit will be granted for only one of the following: FMSC654 or FMST654. Formerly FMST654. Application of theory and technique to the clinical practice of marriage and family therapy. Emphasis on case management and clinic administration. Includes completion of 12 successive months and 500 hours of supervised, direct client contact with couples, families, and individuals from an integrative family systems perspective.

0101	Carol Werlinich **Meets May 31, 2011 - July 10, 2011** M 8:00am - 4:30pm	Seats (Total: 15) Location: TBA
0201	Carol Werlinich **Meets July 11, 2011 - August 21, 2011** M 8:00am - 4:30pm	Seats (Total: 15) Location: TBA

FMSC658 **Supervised Clinical Practice of Marriage and Family Therapy**

FMSC658 Supervised Clinical Practice of Marriage and Family Therapy; (1-2 credits) Grade Method: REG/AUD.

0101	Carol Werlinich **Meets May 31, 2011 - July 10, 2011** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) Location: TBA
0201	Carol Werlinich **Meets July 11, 2011 - August 21, 2011** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) Location: TBA

FMSC689 **Independent Study**

FMSC689 *(PermReq)* **Independent Study; (3-6 credits)** Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.
Internship related to student's chosen specialization.

Contact department for information to register for this course.

FMSC698 **Advanced Topics in Family Science**

FMSC698 *(PermReq)* **Advanced Topics in Family Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698N **Advanced Topics in Family Science; Iceland: Nordic Child & Family Health**
Contact department for information to register for this course.

FMSC698V **Advanced Topics in Family Science; Violence in Families**

FMSC698V Advanced Topics in Family Science: Violence in Families; (3 credits) Grade Method: REG/AUD.
Students who wish to register for this section after June 6, 2011, please e-mail summer@umd.edu. There are two exams (a midterm and a final exam) which must be completed at a proctored location during a designated 48-hour window for each exam.

WB31	Christine Schull **Meets May 31, 2011 - June 17, 2011** Class time/details on ELMs	Seats (Total: 45) ONLINE
WB51	Christine Schull **Meets June 20, 2011 - July 8, 2011** Class time/details on ELMs	Seats (Total: 45) ONLINE

FMSC698X **Advanced Topics in Family Science; Models of Couple and Family Therapy: Cross-Cultural Applications in China and the United States**
Contact department for information to register for this course.

FMSC699 **Independent Study**

FMSC699 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC789 **Non-Thesis Research**

FMSC789 *(PermReq)* **Non-Thesis Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC799 **Master's Thesis Research**

FMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC899 **Doctoral Dissertation Research**

FMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FREN French Summer 2011

FREN103 **Intensive Elementary French**

FREN103 Intensive Elementary French; (4 credits) Grade Method: REG/P-F/AUD. *Not open to students who have completed FREN101, FREN102, more than two years of high school French, or to fluent/native speakers of French. Credit will be granted for only one of the following: FREN102 or FREN103.* Covers speaking, reading, writing, listening, and culture of French-speaking world.

0101	Cecile Ruel **Meets May 31, 2011 - July 10, 2011** MTuTh 9:00am - 12:00pm	Seats (Total: 25) PLS 1115
0102	Khady Diene **Meets May 31, 2011 - July 10, 2011** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 1117

FREN203 **Intensive Intermediate French**

FREN203 Intensive Intermediate French; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: FREN103 or equivalent. Not open to students who have completed FREN201, four years of high school French, or to fluent/native speakers of French. Credit will be granted for only one of the following: FREN201, FREN202 or FREN203. Formerly FREN202. Covers speaking, reading, writing, listening, and culture of French-speaking world.

0201	David Libber **Meets July 11, 2011 - August 21, 2011** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 3205
0202	Phuong Hoang **Meets July 11, 2011 - August 21, 2011** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 0208

FREN204 **French Grammar and Composition**
Contact department for information to register for this course.

FREN211 **French Reading and Conversation**
Contact department for information to register for this course.

FREN269A **Special Topics in Study Abroad II; French Songs**
Contact department for information to register for this course.

FREN269F **Special Topics in Study Abroad II; French Conversation I**
Contact department for information to register for this course.

FREN311 **Advanced Oral Expression**
Contact department for information to register for this course.

FREN312 **France Today**
Contact department for information to register for this course.

FREN369F **Special Topics in Study Abroad III; Third-Year French I**
Contact department for information to register for this course.

FREN369G **Special Topics in Study Abroad III; Third-Year French II**

Contact department for information to register for this course.

FREN369I **Special Topics in Study Abroad III; Third-Year French I**
Contact department for information to register for this course.

FREN369Y **Special Topics in Study Abroad III; Fourth-Year French I**
Contact department for information to register for this course.

FREN399X **Directed Study in French; France: Maryland in Montpellier: French Language and Culture on the Mediterranean**
Contact department for information to register for this course.

FREN401 **Writing with Style**
Contact department for information to register for this course.

GEOG Geographical Sciences Summer 2011

GEOG130 **Developing Countries**

GEOG130 Developing Countries; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.

0301	Ronald Luna	Seats (Total: 30)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 9:00am - 12:30pm	LEF 1124

GEOG158A **Special Topics in Study Abroad I; Geography in the Carribean**
Contact department for information to register for this course.

GEOG170 **Maps and Map Use**

GEOG170 Maps and Map Use; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Introduction to technical methods used in gathering, analyzing, and presenting geospatial information, addressing the needs of geospatial analysis, such as environmental monitoring, situational awareness, disaster management, and human systems. Topics include basics of locational reference systems, map projections, satellite and airborne remote sensing, global positioning systems, geographic information systems, cartography, and introductory statistics and probability. The course is a gateway to more advanced technical classes in geoinformatics.

0101	Robert Sohlberg	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MW 12:00pm - 3:30pm	LEF 1171

GEOG201 **Geography of Environmental Systems**

GEOG201 Geography of Environmental Systems; (3 credits) Grade Method: REG/P-F/AUD.
CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. A systematic introduction to the processes and associated forms of the atmosphere and earth's surfaces emphasizing the interaction between climatology, hydrology and geomorphology.

0101	Akiko Elders	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 1:00pm - 4:20pm	LEF 1124

GEOG202 **Introduction to Human Geography**

GEOG202 Introduction to Human Geography; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. USP Distributive Studies Area A: Cultural and Historical Course.
Introduction to what geographers do and how they do it. Systematic study of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"?

WB22	Rachel Berndtson, Martha Geores	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

GEOG211 **Geography of Environmental Systems Laboratory**

GEOG211 Geography of Environmental Systems Laboratory; (1 credit) Grade Method: REG/P-F/AUD.
CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. Pre- or corequisite: GEOG201 or GEOL100 or GEOL120. A laboratory course to accompany GEOG 201. Analysis of the components of the earth's energy balance using basic instrumentation; weather map interpretation; soil analysis; the application of map and air photo interpretation techniques to landform analysis. There is a $40 lab fee associated with this course.

0101	Nicole Robinson	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 10:00am - 11:30am	LEF 1138	Lab

GEOG212 **Introduction to Human Geography Laboratory**

GEOG212 Introduction to Human Geography Laboratory; (1 credit) Grade Method: REG/P-F/AUD.
Pre- or corequisite: GEOG202. For GEOG majors only. Introduction to the basic methods and techniques employed in human geography.

0201	Rachel Berndtson	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 10:00am - 12:00pm	LEF 1124

GEOG306 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**

GEOG306 Introduction to Quantitative Methods for the Geographic Environmental Sciences; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as GEOG398Q. Credit will be granted for only one of the following: GEOG398Q or GEOG306. Formerly GEOG398Q. Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software. This course has a $40 lab fee.

WB11	Praveen Noojipady	Seats (Total: 25)
	Meets May 31, 2011 - July 8, 2011	
	MW 6:00pm - 9:30pm	ONLINE

GEOG310 **Maryland and Adjacent Areas**

GEOG310 Maryland and Adjacent Areas; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: GEOG310 or GEOG321. Formerly GEOG321. The physical environment, natural resources, and population in relation to agriculture, industry, transport, and trade in the State of Maryland and adjacent areas.

0201	Allen Eney	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	MW 1:00pm - 4:30pm	LEF 2166

GEOG312 **The United States and Canada**

GEOG312 The United States and Canada; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: GEOG312 or GEOG320. Formerly GEOG320. The two countries as functioning geographic systems with important differences and key linkages. An examination of the cultural, environmental, and economic components and their spatial variation. Attention to the role of regions in national economies.

0201	Allen Eney	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	MW 9:00am - 12:30pm	LEF 2166

GEOG313 **Latin America**

GEOG313 Latin America; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Credit will be granted for only one of the following: GEOG313 or GEOG323. Formerly GEOG323. A geography of Latin America and the Caribbean in the contemporary world: political and cultural regions, population and resource distribution, historical development, current levels of economic and social well-being, urbanization, development policies, migration trends, physical features and climates. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0501	Ronald Luna	Seats (Total: 30)
	Meets June 20, 2011 - July 8, 2011	
	MTuWTh 9:00am - 12:30pm	LEF 1124

GEOG328P **Topics in Regional Geography; The Geography of Puerto Rico**
Contact department for information to register for this course.

GEOG358C **Special Topics in Study Abroad III; Croatia: Sustainability of Islands**
Contact department for information to register for this course.

GEOG372 **Remote Sensing**

GEOG372 Remote Sensing; (3 credits) Grade Method: REG/P-F/AUD.
Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships. This course has a $40 lab fee.

WB22	Alyssa Whitcraft	Seats (Total: 35)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:30pm	ONLINE
	Class time/details on ELMs	ONLINE

GEOG373 **Geographic Information Systems**

GEOG373 Geographic Information Systems; (3 credits) Grade Method: REG/P-F/AUD.
Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases. There is a $40 lab fee for this course.

WB11	John Fitzwater	Seats (Total: 50)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:30pm	ONLINE

GEOG384 **Internship in Geography I**

GEOG384 *(PermReq)* **Internship in Geography I; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Only GEOG384 will count toward the major requirement. Prerequisite: GEOG201/211, GEOG212, GEOG306 and (ENGL391 or ENGL393). For GEOG majors only. Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG385 **Internship in Geography II**

GEOG385 *(PermReq)* **Internship in Geography II; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Only GEOG384 will count toward the major requirement. GEOG385 will count toward university requirements. Prerequisite: GEOG201, GEOG211, GEOG212, GEOG306 and Junior English. For GEOG majors only. Supervised field training to provide career experience. Introduction to professional-level activities, demands, opportunities. Placement at a public agency, nonprofit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG398 **Special Topics in Geography**

GEOG398 Special Topics in Geography; (3 credits) Grade Method: REG/P-F/AUD.

0110	Ronald Luna **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0210	Ronald Luna **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

GEOG473 **Geographic Information Systems and Spatial Analysis**

GEOG473 Geographic Information Systems and Spatial Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GEOG306 and GEOG373. Credit will be granted for only one of the following: GEOG473 or GEOG482. Formerly GEOG482. Analytical uses of geographic information systems; data models for building geographic data bases; types of geographic data and spatial problems; practical experience using advanced software for thematic domains such as terrain analysis, land suitability modeling, demographic analysis, and transportation studies.

0201	Naijun Zhou **Meets July 11, 2011 - August 21, 2011** TuTh 12:00pm - 3:30pm	Seats (Total: 30) LEF 2166

GEOG498 **Topical Investigations**

GEOG498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG498A **Topical Investigations; Croatia: A Country in Transition**
Contact department for information to register for this course.

GEOG506 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**
Contact department for information to register for this course.

GEOG579 **Introduction to Remote Sensing and GIS; Introduction to GIS**

Contact department for information to register for this course.

GEOG579B **Introduction to Remote Sensing and GIS; Introduction to Remote Sensing**
Contact department for information to register for this course.

GEOG603 **Masters Research Tutorial**
Contact department for information to register for this course.

GEOG606 **Quantitative Spatial Analysis**
Contact department for information to register for this course.

GEOG788 **Selected Topics in Geography**

GEOG788 *(PermReq)* **Selected Topics in Geography; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG788P **Selected Topics in Geography; Project Management**
Contact department for information to register for this course.

GEOG789 **Independent Readings**

GEOG789 *(PermReq)* **Independent Readings; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

GEOG790 **Internship in Geography**

GEOG790 *(PermReq)* **Internship in Geography; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Field experience in the student's specialty in a Federal, state, or local agency or private business. Research paper required. Contact department to make arrangements.

Contact department for information to register for this course.

GEOG795 **Professional Practices Seminar**

Contact department for information to register for this course.

GEOG799 **Master's Thesis Research**

GEOG799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG898 **Pre-Candidacy Research**

GEOG898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG899 **Doctoral Dissertation Research**

GEOG899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL Geology Summer 2011

GEOL100 **Physical Geology**

GEOL100 Physical Geology; (3 credits) Grade Method: REG/P-F/AUD. *CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. Credit will be granted for only one of the following: GEOL100 or GEOL120.* A general survey of the rocks and minerals composing the earth, its surface features and the agents that form them, and the dynamic forces of plate tectonics.

0101	Tracey Centorbi	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 10:50am	CSS 2428

GEOL110 **Physical Geology Laboratory**

GEOL110 Physical Geology Laboratory; (1 credit) Grade Method: REG/P-F/AUD. *CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. Pre- or corequisite: GEOL100 or GEOL120.* The basic materials and tools of physical geology stressing familiarization with rocks and minerals and the use of maps in geologic interpretations. Students must pay a $50.00 Laboratory Materials fee.

0101	Stephanie Johnston	Seats (Total: 26)
	Meets May 31, 2011 - July 10, 2011	
	MW 12:00pm - 3:00pm	GEO 2106

GEOL388G **Field Studies II; Ecuador: The Natural History of the Galapagos**

Contact department for information to register for this course.

GEOL499 **Special Problems in Geology**

GEOL499 *(PermReq)* **Special Problems in Geology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL798 **Seminar in Geology**

GEOL798 Seminar in Geology; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL799 **Master's Thesis Research**

GEOL799 Master's Thesis Research; (1-4 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL898 **Pre-Candidacy Research**

GEOL898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL899 **Doctoral Dissertation Research**

GEOL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GERM Germanic Studies Summer 2011

GERM103 **Intensive Elementary German**
Contact department for information to register for this course.

GERM203 **Intensive Intermediate German**

GERM203 Intensive Intermediate German; (4 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: GERM103 or equivalent. Not open to students who have completed GERM201, GERM202, four years of high school German, or to fluent/native speakers of German. Credit will be granted for only one of the following: GERM202 or GERM203. Covers speaking, reading, writing, listening, and culture of German-speaking world.

0201	Regina Ianozi	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MTuWTh 9:30am - 11:45am	JMZ 3120

GERM301 **Conversation and Composition I: Germany and Its People**
Contact department for information to register for this course.

GERM302 **Conversation and Composition II: Current Topics in German Society**
Contact department for information to register for this course.

GERM369D **Special Topics in Study Abroad III; German Composition II**
Contact department for information to register for this course.

GVPT Government and Politics Summer 2011

GVPT100 **Principles of Government and Politics**

GVPT100 Principles of Government and Politics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
An introduction to empirical research in Political Science.

FF61	Alexander Otruba	Seats (Total: 20)
	Meets August 1, 2011 - August 19, 2011	
	MTuWTh 12:00pm - 3:20pm	TYD 2110
WB11	Benjamin West	Seats (Total: 75)
	Meets May 31, 2011 - July 8, 2011	
	Class time/details on ELMs	ONLINE

GVPT170 **American Government**

GVPT170 American Government; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
A comprehensive study of national government in the United States.

WB21	Scott Racek	Seats (Total: 75)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

GVPT200 **International Political Relations**

GVPT200 International Political Relations; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the environment.

YS41	Michael McDonald	Seats (Total: 30)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 10:00am - 1:00pm	TYD 2109
	This section is part of the Young Scholars Program. Enrollment by permission only.	

GVPT241 **The Study of Political Philosophy: Ancient and Modern**

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3 credits)
Grade Method: REG/P-F/AUD.
Prerequisite: GVPT100. For GVPT majors only. Examines some of the salient continuities and breaks between the ancient and modern traditions in Western political philosophy.

WB11	Jesse Kirkpatrick	Seats (Total: 75)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

GVPT289M **Special Topics in Government and Politics; Trial Advocacy**

GVPT289M *(PermReq)* **Special Topics in Government and Politics: Trial Advocacy; (3 credits)** Grade Method: REG/P-F/AUD.
Experience the excitement and reward of arguing, and perhaps winning your client's case in court. After a brief introduction to the rules of evidence and trial practice, this exciting, hands-on program will teach you how to prepare and present your case to a judge or jury, how to handle witness examination and how to give effective oral arguments. This new and innovative course provides you with lectures on the essentials of trial practice as well as coaching and practice in oral advocacy, which will prepare you to join the national championship UMD Mock Trial team when you enroll and that will give you confidence in public speaking and presentation.

YS41	Jonathan Hensley	Seats (Total: 25)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 10:00am - 1:00pm	TYD 1114
	This section is part of The Young cholars Program. Enrollment by permission only.	

GVPT309A **Topics in International Relations; Arms Control and International Politics**

GVPT309A Topics in International Relations: Arms Control and International Politics; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Ho Koh	Seats (Total: 75)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

GVPT309D **Topics in International Relations; US Foreign Policy**

GVPT309D Topics in International Relations: US Foreign Policy; (3 credits)

Grade Method: REG/P-F/AUD.

This course introduces students to the historical foundations of American foreign policy; key theoretical approaches to the study of foreign policymaking; the central actors, institutions, and political processes of U.S. foreign policy; and contemporary challenges to U.S. primacy in the 21st century.

WB21	Guy Ziv	Seats (Total: 75)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

GVPT309M **Topics in International Relations; Egypt and Israel**
Contact department for information to register for this course.

GVPT309N **Topics in International Relations; Scandinavia: Political Conflict: Past, Present and Future**
Contact department for information to register for this course.

GVPT309T **Topics in International Relations; The War on Terror**

GVPT309T Topics in International Relations: The War on Terror; (3 credits)

Grade Method: REG/P-F/AUD.

This course will draw upon the U.S. war on terror to explore a host of issues related to international relations and political theory. The goal of the course is to gain a better understand that conflict and its myriad complexities.

WB21	Aaron Hanna	Seats (Total: 75)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

GVPT309X **Topics in International Relations; Conflict Resolution - The Israeli Palestinian Experiment**

GVPT309X Topics in International Relations: Conflict Resolution - The Israeli Palestinian Experiment; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ISRL349X. This groundbreaking interactive course allows an in-depth understanding of this conflict using simulations exploring contending historical perspectives and the search for common ground. Topics include Jerusalem, refugees, settlements, water rights, border disputes and security concerns. Profressor Manuel Hassassian has been the Executive Vice-President of the Bethlehem University and currently the ambassador of the Palestinian Authority in the United Kingdom. Profressor Edy Kaufman, has been the Director of both the Harry S. Truman Institute for the Advancement of Peace at the Hebrew University of Jerusalem and the Center for International Development and Conflict Management at UMD and is concurrently teaching at the Interdisciplinary Center in Herzlyia, Israel. In addition to the scheduled class time, the course will also meet on Saturday, August 13th and Sunday, August 14th from 9am-640pm for an interactive conflict resolution workshop.Students who wish to register for this section after July 15, 2011, please e-mail summer@umd.edu. Click here for more course information. Vist us on You Tube for more course information.

0601	Asad Ghanim, Edward Kaufman	Seats (Total: 35)
	Meets August 1, 2011 - August 19, 2011	
	TuTh 6:00pm - 9:20pm	TYD 2110

GVPT331 **Law and Society**

GVPT331 Law and Society; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT170 or GVPT171. Not open to students who have completed GVPT231. Credit will be granted for only one of the following: GVPT231 or GVPT331. Formerly GVPT231. A study of the basis of law and its relationship with various contemporary institutions such as the courts, the legal profession, and society at large.

WB11	Seth Abrams	Seats (Total: 75)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

GVPT388A **Topical Investigations; Film and the Study of Politics of Terror in the Family and the State**

GVPT388A Topical Investigations: Film and the Study of Politics of Terror in the Family and the State; (3 credits) Grade Method: REG/P-F/AUD.
Student may sign up for both GVPT399A and GVPT388A; GVPT399A will meet four days a week for the first three weeks. GVPT388A will be an online course for the second three weeks of the first summer session, which follows themes developed in GVPT399A. Students who do NOT enroll for GVPT 399A, who will not at all be in residence during the summer, may take GVPT388A as an online course from May 31-July 8.

WB11	James Glass	Seats (Total: 75)
	Meets May 31, 2011 - July 8, 2011	
	Class time/details on ELMs	ONLINE

GVPT399A **Seminar in Government and Politics; The Uses and Abuses of Terror: Politics in the Family and the State**

GVPT399A Seminar in Government and Politics: The Uses and Abuses of Terror: Politics in the Family and the State; (3 credits) Grade Method: REG/P-F/AUD.
Examines the politics and psychology of terror, terrorism and being terrorized. We look at these processes from the perspective of the self, the group and the state; and study the dynamics of power present in all three levels. We use major feature films to demonstrate the emotional and political impact of the operation of terror. Students may take GVPT388A in conjuction with GVPT399A for a total of six credits.

0301	James Glass	Seats (Total: 75)
	Meets May 31, 2011 - June 17, 2011	
	TuWThF 1:30pm - 4:45pm	TYD 1108

GVPT409B **Seminar in International Relations and World Politics; Politics of the Arab World**

GVPT409B Seminar in International Relations and World Politics: Politics of the Arab World; (3 credits) Grade Method: REG/P-F/AUD.
The course covers Arab politics, focusing mainly on the socioeconomic transformation of Arab neo-patriarchal society, the resurgence of fundamental Islam and the challenges of Western modernization. It will cover a wide range of topics dealing with political ideology and religion in the Middle East (ME). In this context, we attempt to deal with historical trends and future challenges to better understand current issues such as the relevance of the US policies vis-a-vis the ME:the cases of Iran, Iraq, Syria, and Palestine; the rise of terrorism,political orientation or religious xenophobia; democracy in the region and reflections on Hamas's recent ascension to power; the politics of oil and its impact on American policy in the Middle East. (Prof. Hassassian has been the rector and Vice-president of Bethlehem University and is currently serving with an ambassadorial rank as the Palestinian General Representative in the United Kingdom.)

0201	Asad Ghanim	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 2:00pm - 5:20pm	TYD 1108

GVPT409W **Seminar in International Relations and World Politics; The Causes, Conduct & Consequences of Civil Wars**

GVPT409W Seminar in International Relations and World Politics: The Causes, Conduct & Consequences of Civil Wars; (3 credits) Grade Method: REG/P-F/AUD.
Since 1945, civil war has been both more frequent and more deadly than interstate conflict. This course examines the causes, conduct, consequences, and external dimensions of internal conflict; the first part of the class examines leading explanations of civil war onset, while the second explores the conduct of belligerents during civil wars, focusing specifically on violence and terrorism as war-fighting strategies. Finally, the last section of the class focuses on civil war recurrence and the broader economic and social consequences of internal conflict.

WB11	Alyssa Prorok	Seats (Total: 75)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

GVPT458D **Special Topics in Study Abroad IV; Politics of Developing Countries - West Africa**
Contact department for information to register for this course.

GVPT458M **Special Topics in Study Abroad IV; Modern Central European Politics**
Contact department for information to register for this course.

GVPT462 **Urban Politics**

GVPT462 Urban Politics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT170 and GVPT241. Recommended: GVPT260. Credit will be granted for only one of the following: GVPT461 or GVPT462. Urban political process and institutions considered in the light of changing social and economic conditions.

WB21	Antonio Rodriguez	Seats (Total: 75)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

GVPT475 **The Presidency and the Executive Branch**

GVPT475 The Presidency and the Executive Branch; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT170 and GVPT241. Junior standing. For GVPT majors only. An examination of the U.S. presidency in historical and contemporary perspective: nomination and electoral politics and the president's place in policy-making, administration, and public opinion.

WB11	James Curry	Seats (Total: 75)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

GVPT479M **Seminar in American Politics; Money and Politics**

GVPT479M Seminar in American Politics: Money and Politics; (3 credits) Grade Method: REG/P-F/AUD.
Explores the influence of interest groups and lobbying in American political campaigns, party politics, the policy-making process, and the legal challenge to public policy.

WB21	Heather Creek	Seats (Total: 75)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

GVPT479T **Seminar in American Politics; Tea & Green Parties: Exploring American Populism**

GVPT479T Seminar in American Politics: Tea & Green Parties: Exploring American Populism; (3 credits) Grade Method: REG/P-F/AUD.
This course explores the historical and theoretical roots of American populism. We discuss populist elements in the creation of the constitution, the development of the south, as connected to religious revival and prohibition, and through the New Deal and progressivism. The course ends by connecting these strands with two more recent versions of populism: green environmentalism and the Tea Party.

WB11	Alison Staudinger	Seats (Total: 75)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

GVPT808D **Selected Topics in Functional Problems in International Relations; Multi-Track Diplomacy: Transforming Violent Conflict**

GVPT808D Selected Topics in Functional Problems in International Relations: Multi-Track Diplomacy: Transforming Violent Conflict; (3 credits) Grade Method: REG/AUD.
Also offered as SUMM004. Additional workshop times - Friday, July 8th 6-9:00p.m.; Saturday, July 9th and Sunday, July 10th from 9:00 a.m. - 1:00 p.m. and 2:00 - 6:00 p.m. This course aims to develop the practical skills needed to facilitate the transformation of interpersonal, organizational or community conflict as well as more complex societal conflicts. Join us in an experiment during the weekend workshop using multi-track diplomacy to search for common ground in ongoing conflict in the Middle East. The planned simulation will be facilitated by Prof. John Davies with support from Prof. Edward (Edy) Kaufman, both with over 20 years' experience in using multi-track and citizens' diplomacy in many countries suffering from war, terrorism, and instability around the world. No prerequisites. Students who wish to register for this section after June 6, 2011, please e-mail summer@umd.edu. Click here for more information.

0501	John Davies	Seats (Total: 30)
	Meets June 20, 2011 - July 8, 2011	
	TuTh 6:00pm - 9:20pm	TYD 1101

GVPT849 **Readings in Government and Politics**
Contact department for information to register for this course.

GVPT898 **Pre-Candidacy Research; Pre-Candidacy Research**

GVPT898 Pre-Candidacy Research: Pre-Candidacy Research; (1-3 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GVPT899 **Doctoral Dissertation Research**

GVPT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP Hearing and Speech Sciences Summer 2011

HESP120 **Introduction to Linguistics**

HESP120 Introduction to Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
An introduction to the scientific study of natural language with focus on the basic concepts of phonology, syntax, semantics and pragmatics, with subsequent attention to the applied aspects of linguistic principles.

0101	Tess Wood	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MWF 9:00am - 11:30am	LEF 1221

HESP300 **Introduction to Psycholinguistics**

HESP300 Introduction to Psycholinguistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP202 with a grade of "C" or better, or permission of department. Recommended: HESP120 or LING200. An introduction to current theories of language and an investigation of their relationship to human communication behavior. Survey of the experimental literature relating to this question.

0101	Catherine Eaton	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 1:00pm - 4:30pm	WDS 1114

HESP311 **Anatomy, Pathology and Physiology of the Auditory System**

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP202 with a grade of "C" or better, or permission of department.
Gross anatomy of the ear and pathways for transmission of sound energy through the peripheral and central auditory system. Causes, development and effects of pathological conditions contributing to temporary or chronic hearing impairments.

0101	Julie Cohen	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MW 1:00pm - 4:30pm	LEF 0135

HESP386 **Experiential Learning**

HESP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

HESP388 **Undergraduate Research Externship**

HESP388 Undergraduate Research Externship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP389 **LEAP Classroom Internship**

HESP389 LEAP Classroom Internship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP400 **Speech and Language Development in Children**

HESP400 Speech and Language Development in Children; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP300 with a grade of "C" (2.0) or better, or permission of department. Recommended: HESP120 or LING200. For HESP majors or by permission of department. Analysis of the normal processes of speech and language development in children.

0201	Whitney Goodrich	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 1:00pm - 4:20pm	LEF 1221

HESP403 **Introduction to Phonetic Science**

HESP403 Introduction to Phonetic Science; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP305 with a grade of "C" (2.0) or better, or permission of department. For HESP majors or by permission of department. An introduction to physiological, acoustic and perceptual phonetics; broad and narrow phonetic transcription; current models of speech production and perception.

0201	Maria Dixon	Seats (Total: 39)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 1:00pm - 4:20pm	TYD 1114

HESP407 **Bases of Hearing Science**

HESP407 Bases of Hearing Science; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP311 with a grade of "C" (2.0) or better or permission of department. For HESP majors only or by permission of department. Fundamentals of hearing, including the physics of sound, anatomy and physiology of peripheral and central auditory nervous system, psychophysical procedures used in measurement of auditory sensation and perception, and topics in psychological acoustics.

0201	Travis Conrad	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MW 1:00pm - 4:20pm	TLF 1103

HESP413 **Aural Rehabilitation/Habilitation**

HESP413 Aural Rehabilitation/Habilitation; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP311. Sophomore standing. The fundamental aspects of aural rehabilitation therapy for both adults and children are introduced to students. Class time will consist of lectures, discussions, and hands-on activities.

0101	Robert Oyler	Seats (Total: 27)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 5:00pm - 8:15pm	LEF 0135

HESP417 **Principles and Methods in Speech-Language Pathology and Audiology**

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: HESP400, HESP411, and at least one of HESP402, HESP404, HESP406, or HESP410 with a grade of "C" (2.0) or better; or permission of department. For HESP majors or permission of department. Offered fall only. The principles underlying the treatment of speech, language and hearing disorders in children and adults.

0201	Maria Dixon, Deborah Berndtson	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	MTuWTh 9:30am - 11:15am	LEF 0135

HESP420 **Deafness and Sign Language**

HESP420 Deafness and Sign Language; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: HESP498A or HESP420. An introduction to American Sign Language and Deaf Culture.

0101	Susan Jacoby, Mary Kinsella-Meier	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MW 5:00pm - 8:30pm	LEF 0135

HESP498B **Seminar; Augmentative and Alternative Communication**

HESP498B Seminar: Augmentative and Alternative Communication; (3 credits)
Grade Method: REG/P-F/AUD.
A hybrid online course designed to provide an introduction to the principles, methods, and procedures for categorizing, understanding, and devloping augmentative and alternative communication (AAC) systems for persons with complex communication needs. Class meets July 11, July 18, and July 28th from 12:00pm-3:30pm in LEF1220. All other course work is Web online.

0401	Tonya Williams Walker	Seats (Total: 20)
	Meets July 11, 2011 - July 29, 2011	
	Class time/details on ELMs	ONLINE

HESP499 **Independent Study**

HESP499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP625 **Dysphagia**

HESP625 Dysphagia; (3 credits) Grade Method: REG.
Prerequisite: permission of department. Credit will be granted for only one of the following: HESP 639B or HESP 625. Nature and clinical management of dysphagia as it pertains to different clinical settings for adult and pediatric populations.

0101	Barbara Sonies	Seats (Total: 30)
	Meets May 31, 2011 - July 8, 2011	
	TuTh 1:00pm - 4:15pm	LEF 0135

HESP627 **Augmentative and Alternative Communication**

HESP627 Augmentative and Alternative Communication; (3 credits) Grade Method: REG.
Prerequisite: permission of department. Credit will be granted for only one of the following: HESP 639R or HESP627. Principles, methods, and procedures for categorizing, understanding, and developing augmentative and alternative communication. A hybrid online course designed to provide an introduction to the principles, methods, and procedures for categorizing, understanding, and devloping augmentative and alternative communication (AAC) systems for persons with complex communication needs. Class meets July 11, July 18, and July 28th from 12:00pm-3:30pm in LEF1220. All other course work is Web online.

0401	Tonya Williams Walker **Meets July 11, 2011 - July 29, 2011** Class time/details on ELMs	Seats (Total: 20) ONLINE

HESP635 **Aural Rehabilitation/Habilitation**

HESP635 Aural Rehabilitation/Habilitation; (3 credits) Grade Method: REG/AUD. Principles, methods and procedures for aural rehabilitation/habilitation in children and adults.

0101	Robert Oyler **Meets May 31, 2011 - July 10, 2011** TuTh 5:00pm - 8:15pm *Recommended for MA SLP students.*	Seats (Total: 27) LEF 0135
0102	Paula Schauer **Meets May 31, 2011 - July 10, 2011** TuTh 3:30pm - 6:45pm *Recommended for AUD students or those with prior course in AR.*	Seats (Total: 30) LEF 0104A

HESP638 **Research Practicum; Minor Research Problems**

HESP638 Research Practicum: Minor Research Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP646 **Educational Audiology**

HESP646 Educational Audiology; (3 credits) Grade Method: REG.
Prerequisite: HESP 606. Recommended: HESSP 645. Examination of historical and current trends influencing educational programming for hearing-impaired children, communication options for severely and profound hearing-impaired children, and the role of the audiologist in the educational setting.

0201	Lauren Wawroski **Meets July 11, 2011 - August 21, 2011** TuTh 6:00pm - 9:00pm	Seats (Total: 10) LEF 0104A

HESP648B **Clinical Practice in Speech**

HESP648B Clinical Practice in Speech; (1-2 credits) Grade Method: REG/AUD.

0101	Vivian Sisskin **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0103	Maria Dixon **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0104	Arpana Lingaraj **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0105	Dianne Handy **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0107	Phyllis Bonelli **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

HESP649A **Clinical Practice in Audiology**

HESP649A Clinical Practice in Audiology; (1-2 credits) Grade Method: REG/AUD.

0101	Sharon Palmer **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0201	Margaret McCabe	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HESP649B **Clinical Practice in Audiology; Aural Rehabilitation**

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP658A **Special Clinical Topics in Hearing and Speech; Ethical and Professional Issues in Clinical Audiology**

HESP658A Special Clinical Topics in Hearing and Speech: Ethical and Professional Issues in Clinical Audiology; (2 credits) Grade Method: REG/AUD.

0101	Tracy Fitzgerald	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

HESP708 **Independent Study**

HESP708 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP729 **Advanced Clinical Practice in Audiology**

HESP729 Advanced Clinical Practice in Audiology; (1-8 credits) Grade Method: REG/AUD.

0101	Margaret McCabe	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	Margaret McCabe	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HESP788 **Graduate Research Externship**

HESP788 Graduate Research Externship; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP799 **Master's Thesis Research**

HESP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP829 **Clinical Internship Residency**

HESP829 Clinical Internship Residency; (1-9 credits) Grade Method: REG/AUD.

0101	Margaret McCabe	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

HESP849 **Capstone Research Project I**

HESP849 Capstone Research Project I; (2 credits) Grade Method: REG.

0112	Sandra Gordon-Salant	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

HESP859 **Capstone Research Project II**

HESP859 Capstone Research Project II; (2 credits) Grade Method: REG.
Pre- or Corequisite: HESP849.

0201	Sandra Gordon-Salant	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HESP889 **Doctoral Candidacy Research**

HESP889 Doctoral Candidacy Research; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP898 **Pre-Candidacy Research**

HESP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP899 **Doctoral Dissertation Research**

HESP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HISP Historic Preservation Summer 2011

HISP100 **Living Within Histories: Introduction to Historic Preservation in the United States**

HISP100 Living Within Histories: Introduction to Historic Preservation in the United States; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course.
A critical introduction to the history, theory, and current issues of historic preservation in the U.S. Focus will be on four primary questions: What is historic preservation? How is preservation practiced in the U.S.? Why do we preserve, or what are some of the reasons to save parts of the built environment? Who benefits from preservation? Examination of texts, scholarly articles, and contemporary news articles used as basis for discussions about the implications of preservation policy within the plural society of the United States.

WB11	Christine Henry	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

HISP619X **Special Topics in Historic Preservation; UK: Historical Preservation**
Contact department for information to register for this course.

HISP629 **Independent Studies in Historic Preservation**

HISP629 Independent Studies in Historic Preservation; (1-3 credits) Grade Method: REG/AUD.

0110	Constance Ramirez **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 20)
0210	Donald Linebaugh **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

HISP660 **Internship in Historic Preservation**

HISP660 Internship in Historic Preservation; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department. Formerly HISP619.* Students will secure a summer internship with an organization engaged in historic preservation work (this can be a public agency, nonprofit, or private firm). The students will formulate a plan of work and a series of pedagogical goals to satisfy both the practical needs of the project and the academic requirements for the course.

IN10	Donald Linebaugh **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 20)
IN20	Donald Linebaugh **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

HISP701 **Certificate Portfolio Project**

HISP701 Certificate Portfolio Project; (1 credit) Grade Method: REG/AUD. *Prerequisite: permission of department. Recommended: HISP600, HISP610, and HISP640.* Students will gather samples of their work and craft a synthetic statement on their experiences in their HISP certificate courses (for example, picking up on themes such as community involvement, diversity of practice, affordable housing, or sustainability), and the ways in which they have integrated historic preservation into their thinking and practice in their home discipline.

0201	Donald Linebaugh	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HISP710 **Final Project in Historic Preservation I**

HISP710 Final Project in Historic Preservation I; (1 credit) Grade Method: REG/AUD.
Credit will be granted for only one of the following: HISP700 or HISP710. Formerly HISP700. An independent, applied research project investigating the preservation of a particular site or a specialized issue in historic preservation. This is part one of a two-semester sequence and involves developing the project proposal and bibliography.

0201	Donald Linebaugh	Seats (Total: 3)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HISP711 **Final Project in Historic Preservation II**

HISP711 Final Project in Historic Preservation II; (2 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: HISP700 or HISP711. Formerly HISP700. An independent, applied research project invesitgating the preservation of a particular site or a specialized issue in historic preservation. This is part two of a two semester sequence and involves project research and writing.

0201	Donald Linebaugh	Seats (Total: 5)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HIST History Summer 2011

HIST113 **Modern Europe: 1789 - Present**

HIST113 Modern Europe: 1789 - Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
Evolution of modern nation states. Industrial-economic structure and demography. Emergence of modern secular society.

0101	Jeremy Best **Meets May 31, 2011 - July 10, 2011** MTuWThF 12:30pm - 1:50pm	Seats (Total: 40) SQH 1103

HIST156 **History of the United States to 1865**

HIST156 History of the United States to 1865; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

0101	Donald McNeilly **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 40) KEY 0103
0201	Amy Rutenberg **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 26) KEY 0103
XA21	Amy Rutenberg **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 14) KEY 0103

HIST157 **History of the United States Since 1865**

HIST157 History of the United States Since 1865; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power.

0101	Edwin Smead **Meets May 31, 2011 - July 10, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 40) KEY 0103
0201	Robert Chiles **Meets July 11, 2011 - August 21, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 26) KEY 0103

XA21	Robert Chiles	Seats (Total: 14)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 10:50am	KEY 0103

HIST213 **History of Sexuality in America**

HIST213 History of Sexuality in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. *Credit will be granted for only one of the following: HIST213 or HIST219O. Formerly HIST219O.* Explores the social construction of sexualities from the first colonial settlement to the modern era in the United States. Analyzes the implications of these understandings for power relations in U.S History.

WB11	Clare Lyons	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

HIST269A **Special Topics in Study Abroad II; Mexican Society: History and Gender Issues**
Contact department for information to register for this course.

HIST269B **Special Topics in Study Abroad II; People and Cultures of Africa**
Contact department for information to register for this course.

HIST269R **Special Topics in Study Abroad II; Latin American Social Revolutions**
Contact department for information to register for this course.

HIST282 **History of the Jewish People I**

HIST282 History of the Jewish People I; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. *Also offered as JWST234. Credit will be granted for only one of the following: HIST282 or JWST234.* Political, economic, social and cultural development within Jewish history from the Biblical period to the late Middle Ages. Special attention to the emergence of Rabbinic Judaism and its subsequent encounter with medieval Christian and Islamic civilizations.

WB21	Bernard Cooperman	Seats (Total: 40)
	Meets July 11, 2011 - August 19, 2011	
	Class time/details on ELMs	ONLINE

HIST299 **Directed Research**

HIST299 *(PermReq)* **Directed Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST306 **History of Religion in America**

HIST306 History of Religion in America; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST156, HIST157, HIST210, HIST211, HIST213, HIST216, HIST254, or HIST255; or permission of instructor. Also offered as RELS346. Credit will be granted for only one of the following: HIST306 or RELS346.* A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.

WB31	Miles Bradbury	Seats (Total: 40)
	Meets May 31, 2011 - June 17, 2011	
	Class time/details on ELMs	ONLINE

HIST319A **Special Topics in History; Radical Regimes in the Arab World**

HIST319A Special Topics in History: Radical Regimes in the Arab World; (3 credits) Grade Method: REG/P-F/AUD.

0201	Ibrahim Ali	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MW 6:00pm - 9:15pm	KEY 0125

HIST319D **Special Topics in History; America in the Movies: Major Themes in 20th Century**

HIST319D Special Topics in History: America in the Movies: Major Themes in 20th Century; (3 credits) Grade Method: REG/P-F/AUD.

0101	Susan Malka	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 4:30pm - 7:55pm	KEY 0102

HIST319E **Special Topics in History; History of the Arab Israeli Conflict**

HIST319E Special Topics in History: History of the Arab Israeli Conflict; (3 credits) Grade Method: REG/P-F/AUD.

01Z1	Ibrahim Ali	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:15pm	BLD3 3225
	This section meets at Shady Grove.	

HIST319Q **Special Topics in History; The Civil War Era: America's Fiery Trial**

HIST319Q Special Topics in History: The Civil War Era: America's Fiery Trial; (3 credits) Grade Method: REG/P-F/AUD.

A political, social, cultural, economic, and military history of the Civil War Era that uses the lives of key figures such as John Brown, Jefferson Davis, Frederick Douglass, Joshua Chamberlain, Mary Chestnut, William Lloyd Garrison, Ulysses Grant, Stonewall Jackson, Robert E. Lee, Abraham Lincoln, James Longstreet, Harriet Tubman, and William T. Sherman, to recreate the era as a lived experience.

0101	Michael Ross	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:25pm	KEY 0116

HIST319V **Special Topics in History; America in the 1960s**

HIST319V Special Topics in History: America in the 1960s; (3 credits) Grade Method: REG/P-F/AUD.

0301	Katarina Keane	Seats (Total: 40)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 1:00pm - 4:15pm	TLF 2103

HIST328F **Selected Topics in History; African American History Through Film and Music**

HIST328F Selected Topics in History: African American History Through Film and Music; (3 credits) Grade Method: REG/P-F/AUD.
This course is taught entirely online. Please make sure your email address is listed correctly. You may contact the instructor with questions at barkleyb@umd.edu .

WB21	Elsa Barkley Brown	Seats (Total: 40)
	Meets July 11, 2011 - August 19, 2011	
	Class time/details on ELMs	ONLINE

HIST328G **Selected Topics in History; Napoleon, France, and the World**

HIST328G Selected Topics in History: Napoleon, France, and the World; (3 credits) Grade Method: REG/P-F/AUD.

WB41	Donald Sutherland	Seats (Total: 40)
	Meets July 11, 2011 - July 29, 2011	
	Contact instructor or department for details.	

HIST328K **Selected Topics in History; Europe Between the Wars**

HIST328K Selected Topics in History: Europe Between the Wars; (3 credits) Grade Method: REG/P-F/AUD.
Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0501	Melissa Kravetz	Seats (Total: 40)
	Meets June 20, 2011 - July 8, 2011	
	MTuWThF 1:00pm - 4:15pm	TLF 2103

HIST329K **Special Topics in History; History of Rock 'n Roll, 1950-2000**

HIST329K Special Topics in History: History of Rock 'n Roll, 1950-2000; (3 credits) Grade Method: REG/P-F/AUD.

WB41	Andrew Kellett	Seats (Total: 40)
	Meets July 11, 2011 - July 29, 2011	
	Class time/details on ELMs	ONLINE

HIST332 **Renaissance Europe**

HIST332 Renaissance Europe; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST111 or HIST112; or permission of instructor. Also offered as RELS342. Credit will be granted for only one of the following: HIST332 or RELS342. Intellectual developments in Italy and Northern Europe from 1300 to 1550 and their influence on the arts and religion; social and economic trends, including the rise of the commercial economy in cities; the family and the role of women in society; expansion of Europe overseas and the beginnings of colonization; emergence of the state and consequent changes in political theory. This course is taught entirely online. Please make sure your email address is listed correctly. You may contact the instructor with questions at psoergel@umd.edu. Students who wish to register for this se ction after June 6, 2011, please e-mail summer@umd.edu.

WB51	Philip Soergel	Seats (Total: 40)
	Meets June 20, 2011 - July 8, 2011	
	Class time/details on ELMs	ONLINE

HIST353 **America in the Revolutionary Era, 1763-1815**

HIST353 America in the Revolutionary Era, 1763-1815; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST156, HIST210, HIST213, HIST254, or HIST275; or permission of instructor. The background and course of the American Revolution and early nationhood through the War of 1812. Emphasis on how the Revolution shaped American political and social development, the creation of a new government under the Constitution, and the challenges facing the new nation.

0101	Whitman Ridgway	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:15pm	KEY 0103

HIST357 **Recent America: 1945-Present**

HIST357 Recent America: 1945-Present; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST157, HIST211, HIST213, HIST222, HIST255, HIST265, or HIST275; or permission of instructor. American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.

WB51	Edwin Smead	Seats (Total: 40)
	Meets June 20, 2011 - July 8, 2011	
	Class time/details on ELMs	ONLINE

HIST369B **Special Topics in Study Abroad III; Brazil, Rio Film History and Culture**
Contact department for information to register for this course.

HIST369M **Special Topics in Study Abroad III; History of Medieval Italy: The World of Dante**
Contact department for information to register for this course.

HIST386 **Experiential Learning**

HIST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing. The History Department's Internship program. Pre-professional experience in historical research, analysis and writing in a variety of work settings.

Contact department for information to register for this course.

HIST419J **Special Topics in History; Strategic Military Theory: Clausewitz**

HIST419J Special Topics in History: Strategic Military Theory: Clausewitz; (3 credits) Grade Method: REG/P-F/AUD.

0101	Jon Sumida	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:15pm	KEY 0116

HIST419O **Special Topics in History**

HIST419O Special Topics in History; (3 credits) Grade Method: REG/P-F/AUD.

IHP1	David Sicilia	Seats (Total: 20)
	Meets July 11, 2011 - August 19, 2011	
	Contact instructor or department for details.	

HIST429G **Special Topics in History; Modern Egypt from the 18th Century to the Current Crisis**

HIST429G Special Topics in History: Modern Egypt from the 18th Century to the Current Crisis; (3 credits) Grade Method: REG/P-F/AUD.

WB41	Peter Wien	Seats (Total: 40)
	Meets July 11, 2011 - July 29, 2011	
	Class time/details on ELMs	ONLINE

HIST429W **Special Topics in History; Communication in Early America**

HIST429W Special Topics in History: Communication in Early America; (3 credits) Grade Method: REG/P-F/AUD.
Students who wish to register for this section after July 15, 2011, plea se e-mail summer@umd.edu.

WB61	Richard Bell	Seats (Total: 40)
	Meets August 1, 2011 - August 19, 2011	
	Class time/details on ELMs	ONLINE

HIST469C **Study Abroad Special Topics IV; Spanish Culture Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

HIST499 **Independent Study**

HIST499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST499Y **Independent Study; American History at Home, 1950-1980**

HIST499Y *(PermReq)* **Independent Study: American History at Home, 1950-1980; (2 credits)** Grade Method: REG/P-F/AUD.
Also offered as EDCI688Y.

IHP1	Elsa Barkley Brown	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	
	EDCI/HIST Outreach offering for TAH Program. Prerequisite: permission o department.	

HIST619 **Special Topics in History**

Contact department for information to register for this course.

HIST619A **Special Topics in History; Independent Study**

HIST619A *(PermReq)* **Special Topics in History: Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST708 **Directed Independent Reading for Comprehensive Examinations I**

HIST708 Directed Independent Reading for Comprehensive Examinations I; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST709 **Directed Independent Reading for Comprehensive Examinations II**

HIST709 Directed Independent Reading for Comprehensive Examinations II; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST799 **Master's Thesis Research**

HIST799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST819 **Special Topics in History: Independent Research**

HIST819 *(PermReq)* **Special Topics in History: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST899 **Doctoral Dissertation Research**

HIST899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLSA Health Services Administration Summer 2011

HLSA601 **Introduction to Health Systems**

HLSA601 Introduction to Health Systems; (3 credits) Grade Method: REG/AUD. *Formerly: HLTH688A or HLTH740. Not open to students who have completed HLTH688A or HLTH740. Credit will be granted for only one of the following: HLSA601, HLTH688A, or HLTH740.* Management and leadership skills for effective public health planning, organization, management and administration. Emphasis is on the role of institutions in learning and behavioral change process, organizational theory, administration management, and coordinating provision of community health services.

0101	Arthur Reynolds	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:15pm	TWS 0201

HLSA688 **Independent Study**

HLSA688 Independent Study; (1-6 credits) Grade Method: REG/AUD.

0101	Laura Wilson	Seats (Total: 1)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	Laura Wilson	Seats (Total: 1)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HLSA689 **Field Work in Aging**

HLSA689 Field Work in Aging; (1-6 credits) Grade Method: REG.

0101	Laura Wilson	Seats (Total: 1)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

0201	Laura Wilson	Seats (Total: 2)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

HLSA730 **Healthcare Human Resources**

HLSA730 Healthcare Human Resources; (3 credits) Grade Method: REG/AUD.
Provides an introduction to the management of human resources in the healthcare setting using basic human resources management doctrine common to all industries. Content includes principles and methods of personnel including employment, recruitment, selection, retention, training and development, compensation including wage and salary administration performance appraisal, job analysis and labor relations.

0201	Christopher King	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Sa 8:00am - 3:00pm	CHM 1224

HLSA750 **Healthcare Management Information Systems**

HLSA750 Healthcare Management Information Systems; (3 credits) Grade Method: REG/AUD.
Provides a background and overview of the analysis, design, evaluation, selection, installation, use, and mangement of information systems in health care settings. Students will review the information management function and value of information and the role of information technology in the provision of high quality care and management decision making. Details on computer hardware, software, networking, and telecommunications sufficient for understanding of concepts relevant to health care managers and staff will be addressed.

WB11	Chiehwen Hsu	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

HLSA785 **Internship in Public Health**

HLSA785 Internship in Public Health; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

0101	Lori Simon-Rusinowitz **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)

HLSA786 **Capstone Project in Public Health**

HLSA786 Capstone Project in Public Health; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

0102	Jack Meyer **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0103	Lori Simon-Rusinowitz **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0104	Laura Wilson **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0105	Mary Kivlighan **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0106	Karoline Mortensen **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0107	Rada Dagher **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)

0202	Jack Meyer **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0203	Lori Simon-Rusinowitz **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0204	Laura Wilson **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0205	Mary Kivlighan **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0206	Karoline Mortensen **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0207	Rada Dagher **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

HLSA898 **Pre-Candidacy Research**

HLSA898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLSA899 **Doctoral Dissertation Research**

HLSA899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH Health Summer 2011

HLTH106 **Drug Use and Abuse**

HLTH106 Drug Use and Abuse; (3 credits) Grade Method: REG/P-F/AUD.
An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.

WB11	Jennifer Hodgson	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

HLTH140 **Personal and Community Health**

HLTH140 Personal and Community Health; (3 credits) Grade Method: REG/P-F/AUD.
Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.

WB11	Jessica Jordan	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

HLTH150 **First Aid and Emergency Medical Services**

HLTH150 First Aid and Emergency Medical Services; (2 credits) Grade Method: REG/P-F/AUD.
Lecture, discussion and practice to train students in cardiopulmonary resuscitation (CPR) for adults, children and infants. Students will also learn first aid skills related to hemorrhage control, care for musculoskeletal injuries and care for sudden illnesses. Upon successful completion of the course, students will be awarded American Red Cross CPR and first aid certification.

0101	James Friedline	Seats (Total: 24)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 8:30pm	SPH 0302

HLTH289A **Topical Investigations; Western Europe: HIV/AIDS in Western Europe**
Contact department for information to register for this course.

HLTH377 **Human Sexuality**

HLTH377 Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.

0201	Denise Bellows **Meets July 11, 2011 - August 21, 2011** MTuWTh 10:00am - 11:45am	Seats (Total: 40) SPH 1301
WB11	Robin Sawyer **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 160) ONLINE

HLTH389 **Topical Investigations**

HLTH389 Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH471 **Women's Health**

HLTH471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as WMST471. Credit will be granted for only one of the following: HLT471 or WMST471. The historical, physiological, psychological, and sociological mechanisms which contribute to women's health. Topics will include gynecological concerns and reproductive health; nutrition, exercise; violence; substance use/abuse; and the health of special populations.

0101	Anne Anderson-Sawyer **Meets May 31, 2011 - July 10, 2011** MW 5:00pm - 8:45pm	Seats (Total: 40) SPH 0308

HLTH489 **Field Laboratory Projects and Workshop**

HLTH489 Field Laboratory Projects and Workshop; (1-6 credits) Grade Method: REG/P-F/AUD.

0101	Robin Sawyer	Seats (Total: 3)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

HLTH498A **Special Topics in Health; Massage Therapy**

HLTH498A Special Topics in Health: Massage Therapy; (3 credits) Grade Method: REG/P-F/AUD.

0101	Geoffrey Gilbert	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 2:00pm - 5:40pm	SPH 0107

HLTH498T **Special Topics in Health; Medical Terminology**

HLTH498T Special Topics in Health: Medical Terminology; (3 credits) Grade Method: REG/P-F/AUD.
"On-line course"

WB11	David Hyde	Seats (Total: 135)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

HLTH665 **Health Behavior I**

HLTH665 Health Behavior I; (3 credits) Grade Method: REG/AUD.
The psychological, social psychological, and sociological theories of health behavior. The relation of health knowledge, beliefs, attitudes, intentions, and behavior to preventive, illness, sick-role, and health utilization behaviors.

0101	Robert Feldman	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:45pm	SPH 0307

HLTH688 **Special Problems in Health Education**

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH786 **Capstone Project in Public Health**

HLTH786 Capstone Project in Public Health; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: All required course work and permission of department. For HLTH majors only. Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

HLTH898 **Pre-Candidacy Research**

HLTH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HONR Honors Summer 2011

HONR219A **The Graphic Novel**

HONR219A The Graphic Novel; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course.
This course is for students in Honors program only.

WB11	Patrick Grzanka	Seats (Total: 20)
	Meets May 31, 2011 - July 8, 2011	
	Class time/details on ELMs	ONLINE

HONR238R **Honors Seminar: Terrorism**

HONR238R Honors Seminar: Terrorism; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.

0101	Edwin Smead	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 2:00pm - 5:15pm	TWS 1107

HONR249B **Honors Seminar; UK: Liberty, Slavery and the British Empire**
Contact department for information to register for this course.

HONR258M **Honors Seminar; Exploring Confucius' China**
Contact department for information to register for this course.

HONR258N **Honors Seminar; Exploring Confucius' China**
Contact department for information to register for this course.

HONR298A **Honors Seminar; Croatia: A Country in Transition**
Contact department for information to register for this course.

HONR338A **Advanced Honors Seminar; Italy and Landscape Architecture**
Contact department for information to register for this course.

HONR348Z **Advanced Honors Seminar; Cameroon: European Colonialism**
Contact department for information to register for this course.

HONR349L **Honors Colloquium; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

INAG Institute of Applied Agriculture Summer 2011

INAG299A **Supervised Work Experience; Internship I**

INAG299A Supervised Work Experience: Internship I; (1 credit) Grade Method: S-F.

IN21	Justin Mathias	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	
IN23	Kenneth Ingram	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

IN24	Roy Walls	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

INAG299B **Supervised Work Experience; Internship II**
Contact department for information to register for this course.

INFM Information Management Summer 2011

INFM612 **Management of Information Programs and Services**

INFM612 Management of Information Programs and Services; (3 credits) Grade Method: REG/AUD.
Administration of information programs, services, and projects, including the role of leadership in management; developing mission, vision, and goals; providing effective management for results; managing professionals; financial management; and professional conduct and ethical issues.

0201	Taverekere Srikantaiah	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:15pm	HBK 0109

INFM702 **User Interaction with Information Systems**

INFM702 User Interaction with Information Systems; (3 credits) Grade Method: REG/AUD.
Interactive user interfaces for information systems, including models of human information processing and decision making. Techniques of usability evaluation.

0101	Vera Rhoads	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:15pm	HBK 0115

INFM718K **Selected Topics in Information Management; Knowledge Management**

INFM718K Selected Topics in Information Management: Knowledge Management; (3 credits) Grade Method: REG/AUD.

WB11	Raymond Paquette **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 20) ONLINE

INFM719 **Independent Study**

INFM719 Independent Study; (1-3 credits) Grade Method: REG.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

INFM737 **Solving Problems in Information Management**

INFM737 Solving Problems in Information Management; (3 credits) Grade Method: S-F.
Corequisite: INFM 736. Required in student's last semester. In-depth problem analysis and resolution derived from and contributing to INFM 736. Independent study.

0101	Vedat Diker **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 8)

ISRL Israel Studies Summer 2011

ISRL349X **Investigating Topics in Israel Studies; Conflict Resolution - The Israeli Palestinian Experiment**

ISRL349X Investigating Topics in Israel Studies: Conflict Resolution - The Israeli Palestinian Experiment; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as GVPT309X. This groundbreaking interactive course allows an in-depth understanding of this conflict using simulations exploring contending historical perspectives and the search for common ground. Topics include Jerusalem, refugees, settlements, water rights, border disputes and security concerns. Profressor Manuel Hassassian has been the Executive Vice-President of the Bethlehem University and currently the ambassador of the Palestinian Authority in the United Kingdom. Profressor Edy Kaufman, has been the Director of both the Harry S. Truman Institute for the Advancement of Peace at the Hebrew University of Jerusalem and the Center for International Development and Conflict Management at UMD and is concurrently teaching at the Interdisciplinary Center in Herzlyia, Israel. In addition to the scheduled class time, the course will also meet on Saturday, August 13th and Sunday, August 14th from 9am-640pm for an interactive conflict resolution workshop.Students who wish to register for this section after July 15, 2011, please e-mail summer@umd.edu. Click here for more course information. Vist us on You Tube for more course information.

0601	Asad Ghanim, Edward Kaufman	Seats (Total: 35)
	Meets August 1, 2011 - August 19, 2011	
	TuTh 6:00pm - 9:20pm	TYD 2110

ISRL369T **Special Topics in Study Abroad; Israel: Culture in Tel Aviv**
Contact department for information to register for this course.

ITAL Italian Summer 2011

ITAL103 **Intensive Elementary Italian**

ITAL103 Intensive Elementary Italian; (4 credits) Grade Method: REG/P-F/AUD.
Not open to students who have completed more than two years of high school Italian, or to fluent/native speakers of Italian. Credit will be granted for only one of the following: ITAL103 or ITAL121. Covers speaking, reading, writing, listening, and culture of Italian-speaking world.

0101	Maria Fleri	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 9:00am - 11:15am	JMZ 3120

ITAL169C	**Special Topics in Study Abroad I; Italian Conversation** **Contact department for information to register for this course.**
ITAL169E	**Special Topics in Study Abroad I; Elementary Italian I** **Contact department for information to register for this course.**
ITAL169I	**Special Topics in Study Abroad I; Intensive Intermediate Italian I** **Contact department for information to register for this course.**
ITAL169Y	**Special Topics in Study Abroad I; Introduction to Italian Language I** **Contact department for information to register for this course.**
ITAL169Z	**Special Topics in Study Abroad I; Introduction to Italian Language II** **Contact department for information to register for this course.**
ITAL203	**Intensive Intermediate Italian** **Contact department for information to register for this course.**
ITAL204	**Review Grammar and Composition** **Contact department for information to register for this course.**
ITAL207	**Reading and Writing in Italian** **Contact department for information to register for this course.**
ITAL269I	**Special Topics in Study Abroad II; Intensive Intermediate Italian I** **Contact department for information to register for this course.**
ITAL301	**Italian Composition** **Contact department for information to register for this course.**
ITAL369A	**Special Topics in Study Abroad III; Italian Culture I** **Contact department for information to register for this course.**
ITAL369W	**Special Topics in Study Abroad III; Composition and Style** **Contact department for information to register for this course.**
ITAL399	**Directed Study in Italian**

ITAL399 *(PermReq)* **Directed Study in Italian; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ITAL431 **Italian Civilization in Translation**
Contact department for information to register for this course.

ITAL499P **Special Topics in Italian Studies; Italian Politics in Film**
Contact department for information to register for this course.

JAPN Japanese Summer 2011

JAPN101 **Elementary Japanese I**

JAPN101 Elementary Japanese I; (6 credits) Grade Method: REG.
Introduction to basic patterns of contemporary spoken Japanese and to the two phonetic syllabaries (Katakana and Hiragana).

0101	Etsuko Yamakita	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 12:20pm	JMZ 3205

JAPN102 **Elementary Japanese II**

JAPN102 Elementary Japanese II; (6 credits) Grade Method: REG.
Prerequisite: grade of C (2.0) or better in JAPN101 or permission of instructor. Credit will be granted for only one of the following: JAPN102 or (JAPN106 and JAPN107).
Continued introduction to the basic spoken patterns of contemporary Japanese.

0201	Kumiko Akikawa	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 12:20pm	JMZ 0205

JAPN201 **Intermediate Japanese I**

JAPN201 Intermediate Japanese I; (6 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: a grade C (2.0) or better in JAPN102 or permission of instructor.
Contemporary spoken and written Japanese.

0101	Makiko Inoue	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 12:20pm	JMZ 1117

JAPN202 **Intermediate Japanese II**

JAPN202 Intermediate Japanese II; (6 credits) Grade Method: REG.
Prerequisite: a grade of C (2.0) or better in JAPN201 or permission of instructor.
Contemporary spoken and written Japanese.

0201	Rika Seya	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 12:20pm	JMZ 2122

JOUR Journalism Summer 2011

JOUR150 **Introduction to Mass Communication**

JOUR150 *(PermReq)* **Introduction to Mass Communication; (3 credits)** Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Not applicable toward Journalism major/degree. Survey of the functions and effects of the mass media in the United States. A consumer's introduction to newspapers, television, radio, film, sound recording, books, magazines, and new media technology.

YS41	Christine Harvey	Seats (Total: 18)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:00pm	KNI 2107
	This section is part of The Young Scholars Program. Enrollment by permission only.	

JOUR175 **Media Literacy**

JOUR175 Media Literacy; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. CORE Diversity (D) Course. *Not applicable toward journalism major.* An analysis of the information, values and underlying messages conveyed via television, newspapers, the internet, magazines, radio and film. Examines the accuracy of those messages and explores how media shape views of politics, culture and society.

0201	Soo-Kwang Oh **Meets July 11, 2011 - August 21, 2011** MW 12:00pm - 3:15pm	Seats (Total: 18) KNI 2103
0301	Susan Moeller **Meets May 31, 2011 - June 17, 2011** MTuWTh 9:00am - 12:25pm	Seats (Total: 18) KNI 2107
FF61	Jing Guo **Meets August 1, 2011 - August 19, 2011** MTuWTh 9:00am - 12:20pm *Part of Freshmen First.*	Seats (Total: 15) EDU 2101

JOUR181 **Grammar for Journalists**

JOUR181 Grammar for Journalists; (1 credit) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: ENGL181, ENGL281, or JOUR181.* An examination of the basic structure of written English needed for precise journalistic writing. Parts of speech, sentence patterns, standard punctuation, diction, and usage will be examined with an emphasis on its application in journalism. Class will meet first three weeks of the semester.

0301	Linda Coleman **Meets May 31, 2011 - June 17, 2011** MWF 2:00pm - 3:40pm	Seats (Total: 30) TWS 3234

JOUR199 **Survey Apprenticeship; Survey Apprenticeship**

JOUR199 *(PermReq)* **Survey Apprenticeship: Survey Apprenticeship; (1 credit)** Grade Method: S-F.

0101	Christine Harvey **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details. *Students should meet with Internship Director Chris Harvey no later tha 6/1 to gain permission to enroll. Contact Director to obtain permission.*	Seats (Total: 50)
0201	Christine Harvey **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details. *Students should meet with Internship Director Chris Harvey no later tha 7/10 to gain permission to enroll. Contact Director to obtain permission.*	Seats (Total: 50)

JOUR201 **News Writing and Reporting I**

JOUR201 *(PermReq)* **News Writing and Reporting I; (3 credits)** Grade Method: REG.
Prerequisite: Grammar competency demonstrated by a grade of C (2.0) or better in JOUR181 or a score of 52 or higher on the TSWE and permission of department. Introduction to news for the print and electronic media, development of new concepts: laboratory in news-gathering tools and writing skills.

0101	Tamara Cooke Henry **Meets May 31, 2011 - July 10, 2011** MTuWThF 10:00am - 11:40am	Seats (Total: 16) KNI 2103
0201	Raymond McCaffrey **Meets July 11, 2011 - August 21, 2011** MTuWThF 10:00am - 11:40am	Seats (Total: 18) KNI 2103

JOUR203 **Introduction to Multimedia Skills**

JOUR203 Introduction to Multimedia Skills; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: JOUR201. For JOUR majors only. Credit will be granted for only one of the following: JOUR203 or JOUR328G. Examining the basics of producing and editing digital photos, video, and audio. Topics inlcude: framing, lighting, and other aspects of composition; sequencing, using wide, medium, and tight shots; and ethical considerations when collecting sound and visuals.

0101	Stanton Paddock	Seats (Total: 8)
	Meets May 31, 2011 - July 10, 2011	
	MWF 11:00am - 1:45pm	KNI 1101

JOUR262 **News Editing for Broadcast**

JOUR262 *(PermReq)* **News Editing for Broadcast; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Grade of C or better in JOUR201 and permission of department. Credit will be granted for only one of the following: JOUR202B or JOUR262. Principles and processes of broadcast newsroom editing.

0201	Stanley Heist	Seats (Total: 9)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 12:00pm - 3:15pm Contact instructor or department for details.	KNI 2103

JOUR300 **Journalism Ethics**

JOUR300 Journalism Ethics; (3 credits) Grade Method: REG.
Prerequisite: JOUR201. For JOUR majors only. Examination of ethical problems in news writing and reporting.

0201	Alan Goldenbach	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MW 12:00pm - 3:20pm	KNI 1103

JOUR361 **Television Reporting and Production**

JOUR361 Television Reporting and Production; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: JOUR262 and JOUR360. Writing and editing for the broadcast media. Interpretive and documentary news stories.

0101	Cassandra Clayton	Seats (Total: 7)
	Meets May 31, 2011 - July 10, 2011	
	MW 11:00am - 2:30pm	KNI 2105

JOUR398 **Independent Study**

JOUR398 Independent Study; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements. Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR399 **Supervised Internship**

JOUR399 *(PermReq)* **Supervised Internship; (1 credit)** Grade Method: REG. Prerequisite: C or better in JOUR320 or JOUR360.

0101	Christine Harvey	Seats (Total: 75)
	Meets May 31, 2011 - August 19, 2011	
	Contact instructor or department for details.	

JOUR400 **Media Law**

JOUR400 Media Law; (3 credits) Grade Method: REG.
Prerequisite: JOUR320 or JOUR360 or JOUR501. Junior standing. Legal rights and constraints of mass media; libel, privacy, copyright, monopoly, contempt, and other aspects of the law applied to mass communication. Previous study of the law not required.

0201	Corinna Zarek	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MW 6:00pm - 9:15pm	KNI 1208

JOUR434 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR435 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR479W **Special Topics in Data Gathering and Analysis; History as Context for Emerging Media in Journalism**

JOUR479W Special Topics in Data Gathering and Analysis: History as Context for Emerging Media in Journalism; (3 credits) Grade Method: REG.
Students will explore the interplay of continuity and change in journalistic uses of emerging media, including the degree to which these are consistent with -- or a departure from -- much older practices and values in the gathering and exchange of news. See: http://jclass.umd.edu/cars/479W/description.htm

0101	Ira Chinoy	Seats (Total: 18)
	Meets May 31, 2011 - July 10, 2011	
	MW 12:30pm - 3:55pm	KNI 2107

JOUR501 **Fundamentals of Writing and Editing**

JOUR501 *(PermReq)* **Fundamentals of Writing and Editing; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Principles of news and feature writing. For graduate students with limited prior training or experience in journalism.

0101	Rafael Lorente	Seats (Total: 18)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:00am - 10:40am	KNI 2105

JOUR503 **Reporting for Broadcast News**

JOUR503 Reporting for Broadcast News; (3 credits) Grade Method: REG/AUD.
Prerequisite: JOUR 501. Also offered as JOUR 262. Training in gathering and producing news for radio and television newcasts.

0201	Stanley Heist	Seats (Total: 9)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 12:00pm - 3:15pm Contact instructor or department for details.	KNI 2103

JOUR600 **Journalism Ethics**

JOUR600 Journalism Ethics; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Examination of ethical problems in journalism and the media industry.

0201	Alan Goldenbach **Meets July 11, 2011 - August 21, 2011** MW 12:00pm - 3:20pm	Seats (Total: 15) KNI 1103

JOUR601 **Theories of Journalism and Public Communication**

JOUR601 *(PermReq)* **Theories of Journalism and Public Communication; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Survey and evaluation of current communication theories. Attention is given to the nature and function of scientific theory, models of communication behavior, the nature of information, social functions of journalism and public communication, attitude change and persuasive communication and theories of language and meaning.

0101	John Newhagen **Meets May 31, 2011 - July 10, 2011** TuTh 10:00am - 1:20pm	Seats (Total: 9) KNI 1105

JOUR620 **Seminar in Public Affairs Reporting**

JOUR620 Seminar in Public Affairs Reporting; (3 credits) Grade Method: REG/AUD.
Prerequisite: JOUR 502 or equivalent.

0101	Carl Stepp **Meets May 31, 2011 - July 10, 2011** MW 9:00am - 12:35pm	Seats (Total: 14) KNI 1105
0201	Adrianne Flynn **Meets July 11, 2011 - August 21, 2011** MTuWThF 9:00am - 10:40am	Seats (Total: 14) KNI 2105

JOUR628G **Specialized Topics in News Writing and Reporting; Non-Print Media for Print and Online Journalists**

JOUR628G *(PermReq)* **Specialized Topics in News Writing and Reporting: Non-Print Media for Print and Online Journalists; (3 credits)** Grade Method: REG/AUD.

0101	Stanton Paddock	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	MWF 11:00am - 1:45pm	KNI 1101

JOUR661 **Television Reporting and Production**

JOUR661 Television Reporting and Production; (3 credits) Grade Method: REG/AUD.
Prerequisite: JOUR 503 or equivalent. For JOUR majors only. Reporting, writing, editing and production of broadcast news.

0101	Cassandra Clayton	Seats (Total: 7)
	Meets May 31, 2011 - July 10, 2011	
	MW 11:00am - 2:30pm	KNI 2105

JOUR698 **Special Problems in Communication**

JOUR698 Special Problems in Communication; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR734 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR735 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR774 **Mining the National Archives**

JOUR774 Mining the National Archives; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Uses of archival research for investigative reporting, feature stories, breaking news, and historical studies. Note: Class sessions will be held both on campus and at the National Archives II research facility in College Park. See: http://jclass.umd.edu/cars/474-774/default.htm.

0101	Ira Chinoy	Seats (Total: 12)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:00am - 12:15pm	KNI 1101

JOUR798 **Master's Professional Fieldwork**

JOUR798 Master's Professional Fieldwork; (2-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR799 **Master's Thesis Research**

JOUR799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR888 **Doctoral Professional Field Work**

JOUR888 Doctoral Professional Field Work; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR889 **Doctoral Tutorial in Journalism and Public Communication**

JOUR889 Doctoral Tutorial in Journalism and Public Communication; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR898 **Pre-Candidacy Research**

JOUR898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR899 **Doctoral Dissertation Research in Journalism and Mass Communication**

JOUR899 Doctoral Dissertation Research in Journalism and Mass Communication; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JWST Jewish Studies Summer 2011

JWST234 **History of the Jewish People I**

JWST234 History of the Jewish People I; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course.
Also offered as HIST282. Credit will be granted for only one of the following: HIST282 or JWST234. Political, economic, social, and cultural development within Jewish history from the Biblical period to the late Middle Ages. Special attention to the emergence of Rabbinic Judaism and its subsequent encounter with medieval Christian and Islamic civilizations.

WB21	Bernard Cooperman	Seats (Total: 40)
	Meets July 11, 2011 - August 19, 2011	
	Class time/details on ELMs	ONLINE

JWST319T **Special Topics in Jewish Studies; Israel: Culture in Tel Aviv**
Contact department for information to register for this course.

JWST369A **Special Topics in Study Abroad III; The Holocaust: 20th Century Jewish Thought**
Contact department for information to register for this course.

JWST419Z **Special Topics in Jewish Studies; Italy: Florence, Venice and the Jews of the Renaissance**
Contact department for information to register for this course.

JWST619 **Directed Readings in Jewish Studies**

JWST619 Directed Readings in Jewish Studies; (3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES Kinesiology Summer 2011

KNES137N **Physical Education Activities: Coed; Golf (Beginning)**

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1 credit)
Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Jeff Maynor	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	TuWTh 1:00pm - 2:40pm	GLF 1102	Lab
0201	Jeff Maynor	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	TuWTh 10:00am - 11:40am	GLF 1102	Lab

KNES154T **Physical Education Activities: Coed; Swim Fitness (Begining)**

KNES154T Physical Education Activities: Coed: Swim Fitness (Begining); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Diana Freedman	Seats (Total: 20)	
	Meets June 1, 2011 - July 10, 2011		
	MTuWTh 1:00pm - 2:15pm	ERC B0120	

KNES155N **Physical Education Activities: Coed; Tennis (Beginning)**

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1 credit)
Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Sang Kim	Seats (Total: 20)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 3:00pm - 4:20pm	COL 1100	Lab

KNES155O **Physical Education Activities: Coed; Tennis (Intermediate)**

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1 credit)
Grade Method: REG/P-F.
Attendance required beginning the first day of class.

0101	Sang Kim	Seats (Total: 15)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 3:00pm - 4:20pm	COL 1100	Lab

KNES157N **Physical Education Activities: Coed; Weight Training (Beginning)**

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Michael Marini **Meets May 31, 2011 - July 10, 2011** MTuWTh 1:00pm - 2:20pm	Seats (Total: 20) SPH 0103	Lab
0201	Ana Valencia **Meets July 11, 2011 - August 21, 2011** MTuWTh 1:00pm - 2:20pm	Seats (Total: 10) SPH 0103	Lab

KNES157O **Physical Education Activities: Coed; Weight Training (Intermediate)**

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Michael Marini **Meets May 31, 2011 - July 10, 2011** MTuWTh 1:00pm - 2:20pm	Seats (Total: 14) SPH 0103	Lab
0201	Ana Valencia **Meets July 11, 2011 - August 21, 2011** MTuWTh 1:00pm - 2:20pm	Seats (Total: 20) SPH 0103	Lab

KNES161T **Physical Education Activities: Coed; Yoga (Beginning).**

KNES161T Physical Education Activities: Coed: Yoga (Beginning).; (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Sheree Mullen **Meets May 31, 2011 - July 10, 2011** MW 1:30pm - 3:45pm	Seats (Total: 25) ERC 2111	Lab
0102	Sheree Mullen **Meets May 31, 2011 - July 10, 2011** MW 8:45am - 11:00am	Seats (Total: 25) ERC 2111	Lab

KNES161X **Physical Education Activities: Coed; Pilates and Conditioning**

KNES161X Physical Education Activities: Coed: Pilates and Conditioning; (1 credit) Grade Method: REG/P-F.
Attendance required beginning the first day of class.

0101	Carly Hunt	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWTh 9:00am - 10:20am	SPH 0107	

KNES200 **Introduction to Kinesiology**

KNES200 *(PermReq)* **Introduction to Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD.
Restricted to freshmen KNES majors or non-majors with less than 60 credits. Not open to non-major students who have completed over 60 credits. Credit will be granted for only one of the following: KNES200 or KNES289M. Formerly KNES289M.
An overview of kinesiology, the interdisciplinary study of physical activity. Examines human motor behavior and its cultural forms such as sport from the physiological, psychological, sociological, historical, philosophical, and biomechanical perspectives.

YS41	Jo Zimmerman	Seats (Total: 30)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:30am - 12:00pm	SPH 0303	
	TuTh 1:00pm - 4:00pm	SPH 1301	Lab
	This section is part of The Young Scholars Program. Enrollment by permission only.		

KNES260 **Science of Physical Activity and Cardiovascular Health**

KNES260 Science of Physical Activity and Cardiovascular Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.
Course details (1) the public health importance of and the processes underlying cardiovascular disease, (2) the risk factors for cardiovascular disease and the methods whereby they were identified, and (3) the principles of the scientific evidence supporting the use of physical activity to prevent cardiovascular disease. This course will be taught on-line. Students should be registered before July 12 for full access to course materials.

WB21	James Hagberg	Seats (Total: 50)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

KNES287 **Sport and American Society**

KNES287 Sport and American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.

WB11	Bryan Clift	Seats (Total: 75)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

KNES289 **Topical Investigations**

KNES289 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES289C **Topical Investigations; Organizational Training for Youth Sport Camps**

KNES289C *(PermReq)* **Topical Investigations: Organizational Training for Youth Sport Camps; (3 credits)** Grade Method: REG.
Lecture will meet June 1-18, Mondays and Wednesdays in Glazer Auditorium , Gossett Football Team House. The labs will meet June 21-July 10 at 8: 30am - 5pm in SPH 2101.

0101	Elizabeth Brown	Seats (Total: 50)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

KNES289O **Topical Investigations; Leadership and Management of Youth Sports Camps**

KNES289O Topical Investigations: Leadership and Management of Youth Sports Camps; (3 credits) Grade Method: REG.

0101	Elizabeth Brown	Seats (Total: 50)	
	Meets May 31, 2011 - July 10, 2011		
	Contact instructor or department for details.		

KNES293 **History of Sport in America**

KNES293 History of Sport in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement.

WB11	Damion Thomas	Seats (Total: 75)	
	Meets May 31, 2011 - July 10, 2011		
	Class time/details on ELMs	ONLINE	
WB21	Damion Thomas	Seats (Total: 75)	
	Meets July 11, 2011 - August 21, 2011		
	Class time/details on ELMs	ONLINE	

KNES300 **Biomechanics of Human Motion**

KNES300 Biomechanics of Human Motion; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI201, and MATH112 or MATH115 or placement in MATH140. Recommended: PHYS121. The study of human movement and the physical and physiological principles upon which it depends. Body mechanics, posture, motor efficiency, sports, the performance of a typical individual and the influence of growth and development upon motor performance.

0201	Timothy Judkins	Seats (Total: 20)	
	Meets July 11, 2011 - August 21, 2011		
	MW 5:00pm - 8:30pm	SPH 1303	
	TuTh 5:00pm - 7:30pm	SPH 0124	Lab

0202	Timothy Judkins	Seats (Total: 20)	
	Meets July 11, 2011 - August 21, 2011		
	MW 5:00pm - 8:30pm	SPH 1303	
	MW 2:00pm - 4:30pm	SPH 0124	Lab

KNES350 **The Psychology of Sports**

KNES350 The Psychology of Sports; (3 credits) Grade Method: REG/P-F/AUD. An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

WB21	Mark Saffer	Seats (Total: 75)	
	Meets July 11, 2011 - August 21, 2011		
	Class time/details on ELMs	ONLINE	

KNES360 **Physiology of Exercise**

KNES360 Physiology of Exercise; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisites: BSCI201 and BSCI202 with a grade of C (2.0) or better; or permission of department.* A study of the physiology of exercise, including concepts of work, muscular contraction, energy transformation, metabolism, oxygen debt, and nutrition and athletic performance. Emphasis on cardiovascular and respiratory function in relation to physical activity and training.

0101	Rosemary Lindle	Seats (Total: 18)	
	Meets May 31, 2011 - July 10, 2011		
	TuWTh 12:00pm - 3:00pm	SPH 0308	
	TuTh 10:00am - 12:00pm	SPH 0124	Lab
0102	Rosemary Lindle	Seats (Total: 18)	
	Meets May 31, 2011 - July 10, 2011		
	TuWTh 12:00pm - 3:00pm	SPH 0308	
	TuTh 3:00pm - 5:00pm	SPH 0124	Lab

KNES370 **Motor Development**

KNES370 Motor Development; (3 credits) Grade Method: REG/P-F/AUD.
Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development. This coure is taught on-line. Students should be registered before June 1 to have full access to the course materials. Students who wish to register after June 5, 2010, please e-mail summer@umd.edu .

WB11	Marcio Oliveira	Seats (Total: 50)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

KNES389 **Topical Investigations**

KNES389 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES389A **Topical Investigations; London: Sport and Culture in the Global Marketplace**
Contact department for information to register for this course.

KNES389B **Topical Investigations; Foundations of the Global Sport Industry**
Contact department for information to register for this course.

KNES389K **Topical Investigations; Kinesiological Sciences Internship**

KNES389K *(PermReq)* **Topical Investigations: Kinesiological Sciences Internship; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: KNES major and relevant KNES major classes.

Contact department for information to register for this course.

KNES440 **Psychology of Athletic Performance**

KNES440 Psychology of Athletic Performance; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES350. Junior standing. Credit will be granted for only one of the following: KNES498P, KNES689Z, or KNES440. Formerly KNES498P. Examines the psychological factors, mechanisms, and processes in athletic performance. Utilizes a social psychological approach to focus on the study and review of individual performance in both the interpersonal and social context. This course fulfills KNES upper level Option requirement.

0301	Seppo Iso-Ahola	Seats (Total: 40)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 4:00pm - 7:30pm	SPH 1302

KNES451 **Children and Sport: A Psychosocial Perspective**

KNES451 Children and Sport: A Psychosocial Perspective; (3 credits) Grade Method: REG/P-F.
Prerequisite: KNES350 and junior standing. Examination of youth sports from a psychosocial perspective, including the impact of highly structured sports on young athletes and the complex social network of coaches, parents and peers. This course fulfills KNES upper level Option requirement.

0101	Elizabeth Brown	Seats (Total: 50)
	Meets May 31, 2011 - July 10, 2011	
	MW 5:00pm - 8:30pm	SPH 1301

KNES485 **Sport and Globalization**

KNES485 Sport and Globalization; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES287. Junior standing. Credit will be granted for only one of the following: KNES485 and KNES498T. Formerly KNES498T. Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures. This course meets entirely online. This course fulfills KNES upper level Option requirement.

WB11	David Andrews	Seats (Total: 50)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

KNES498 **Special Topics in Kinesiology; Special Topics in Kinesiology**

KNES498 *(PermReq)* **Special Topics in Kinesiology: Special Topics in Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES689 **Special Problems in Kinesiology**

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-4 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES689I **Special Problems in Kinesiology; Teaching Secondary Physical Education**

KNES689I Special Problems in Kinesiology: Teaching Secondary Physical Education; (3 credits) Grade Method: REG/AUD.
A focus on content development and implementation, teacher effectiveness grounded in data analysis, and assessment of student learning in middle and secondary schools.

IHP1	Dena Deglau	Seats (Total: 15)
	Meets June 6, 2011 - June 30, 2011	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	Class meets at the Shady Grove campus.	

KNES689J **Special Problems in Kinesiology; London: Sport and Culture in the Global Marketplace**
Contact department for information to register for this course.

KNES689V **Special Problems in Kinesiology; Teaching Elementary Physical Education**

KNES689V Special Problems in Kinesiology: Teaching Elementary Physical Education; (3 credits) Grade Method: REG/AUD.
A focus on developmentally appropriate content development and implementation, navigating the instructional, managerial and social task systems using effective teaching behaviors and enhancing student learning through an interdisciplinary approach in elementary schools.

IHP1	Dena Deglau	Seats (Total: 15)
	Meets June 6, 2011 - June 30, 2011	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class meets at the Shady Grove campus.	

KNES789 **Advanced Seminar**

KNES789 Advanced Seminar; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES799 **Master's Thesis Research**

KNES799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES899 **Doctoral Dissertation Research**

KNES899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC Landscape Architecture Summer 2011

LARC160 **Introduction to Landscape Architecture**

LARC160 Introduction to Landscape Architecture; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
History, theory, philosophy and current practice of the profession of landscape architecture. Explores the interactive relationship between humans and their environment by examining people's perceptions of and changing attitude towards the landscape, as well as, an examination of how these are related to ecological and cultural influences.

YS41	Wannapa Siriamnuaypas, David Myers	Seats (Total: 18)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:20pm	PLS 1162
	This section is part of The Young Scholars Program. Enrollment by permission only.	

LARC451 **Sustainable Communities**
Contact department for information to register for this course.

LARC471 **Capstone Studio: Community Design**
Contact department for information to register for this course.

LARC489A **Special Topics in Landscape Architecture; Italy Architecture**
Contact department for information to register for this course.

LARC489B **Special Topics in Landscape Architecture; Urban Sites: Landscape Architecture in the City**

LARC489B Special Topics in Landscape Architecture: Urban Sites: Landscape Architecture in the City; (3 credits) Grade Method: REG/P-F/AUD.

0101	Caren Yglesias	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 1:00pm - 4:50pm	PLS 0104

LARC489C **Special Topics in Landscape Architecture; Sustainable Futures in Costa Rica**
Contact department for information to register for this course.

LARC489P **Special Topics in Landscape Architecture; Panama: Landscape Architecture**
Contact department for information to register for this course.

LARC499 **Independent Studies in Landscape Architecture**

LARC499 *(PermReq)* **Independent Studies in Landscape Architecture; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LATN Latin Summer 2011

LATN120 **Intensive Latin**

LATN120 *(PermReq)* **Intensive Latin; (4 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: permission of department. Not open for credit to students with credit for LATN102.* Elements of Latin grammar and vocabulary; elementary reading. The first year's study of Latin compressed into a single semester.

0101	John Woods	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 4:00pm - 6:20pm	TLF 1101

LATN499 **Independent Study in Latin Language and Literature**

LATN499 *(PermReq)* **Independent Study in Latin Language and Literature; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LATN699 **Independent Studies in Latin Literature**

LATN699 *(PermReq)* **Independent Studies in Latin Literature; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC Library Science Summer 2011

LBSC635 **Management and Administration for the Information Professional**

LBSC635 Management and Administration for the Information Professional; (3 credits) Grade Method: REG/AUD.
Not open to students who have completed LBSC630. Management and administrative theory and principles and their implications and applications to information organizations.

0201	Michael Kurtz	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MW 5:30pm - 8:45pm	PLS 1119

LBSC646 **Literature and Materials for Young Adults**

LBSC646 Literature and Materials for Young Adults; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC646 or LBSC746. Formerly LBSC746. Survey of literature and other materials for older children and adolescents. Criteria for evaluating and using such materials as they relate to the needs, interests, reading abilities, and other capabilities of young readers.

0101	Deborah Taylor	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 5:30pm - 8:45pm	HBK 0109

LBSC650 **Information Access Services**

LBSC650 Information Access Services; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Information needs, search mediation, search strategies, reference services, information access issues, collection development.

ML10	Soo Kim	Seats (Total: 19)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

LBSC670 **Organization of Information**

LBSC670 Organization of Information; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Functions and evaluation of document and information retrieval systems; analysis and representation of data, information, knowledge, language, and text; metadata for the control of documents and other objects. One additional class session will be scheduled.

0101	Taverekere Srikantaiah	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MW 1:00pm - 4:15pm	HBK 1108

LBSC682 **Management of Electronic Records & Information**

LBSC682 Management of Electronic Records & Information; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Role of archivists and records managers in the management of electronic records. Records life cycle and the impact of technology programs for managing electronic records.

0101	Michael Miller	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 5:30pm - 8:45pm	HBK 0105

LBSC690 **Information Technology**

LBSC690 Information Technology; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Human-centered design issues, implementation and technical issues, and application and sociotechnical issues of information technology; emerging information technologies. Class will meet May 31; June 7, 14, 21, & 28; July 5. All other work on line.

SG10	Vedat Diker	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Tu 5:30pm - 8:45pm	Location: TBA

LBSC707 **Field Study in Library Service**

LBSC707 Field Study in Library Service; (3 credits) Grade Method: REG/AUD.
Prerequisites: all core courses and permission of department. Unpaid, supervised experience within library operations and/or the opportunity to perform a study to solve a specific problem in a suitable library or other information agency.

0101	Trudi Hahn	Seats (Total: 16)
	Meets May 31, 2011 - July 10, 2011	
	W 5:30pm - 8:45pm	HBK 4115
	Contact instructor or department for details.	
	Class will meet June 1, June 15, and July 6, only. Fieldwork commitment is 120 hours.	

LBSC708B **Special Topics in Information Studies; History of the Book**

LBSC708B Special Topics in Information Studies: History of the Book; (3 credits) Grade Method: REG/AUD.
A required field trip will be scheduled.

0101	Stephen Greenberg	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MW 5:30pm - 8:45pm	PLS 1113

LBSC708G **Special Topics in Information Studies; Collection Development**

LBSC708G Special Topics in Information Studies: Collection Development; (3 credits) Grade Method: REG/AUD.

SG10	Mary Choquette	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MW 5:30pm - 8:45pm	Location: TBA
	Class will meet online June 1,6, and 8; all other class session at USG.	

LBSC709 **Independent Study**

LBSC709 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC715 **Knowledge Management**

LBSC715 Knowledge Management; (3 credits) Grade Method: REG.
Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 708N or LBSC 715. Formerly LBSC708N. Nature, creation, acquisition, and use of knowledge. Strategic role of knowledge in organizations and institutions. Information and knowledge ecology. Structure and functions of knowledge management systems and the role of the Internet and intranets. Knowledge as intellectual capital. Roles of librarians and information professionals in the knowledge economy. Strategic issues and future trends.

WB11	Raymond Paquette	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

LBSC735 **Legal Issues in Managing Information**

LBSC735 Legal Issues in Managing Information; (3 credits) Grade Method: REG/AUD.

Prerequisite: permission of department. Legal issues related to collecting, maintaining, and providing access to information materials. Includes ownership, copyright, privacy, freedom of information, and related issues in archives, libraries and other settings.

SG20	Corey Williams	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	MW 5:30pm - 8:45pm	Location: TBA

LBSC737 **Seminar in the Special Library and Information Center**

LBSC737 Seminar in the Special Library and Information Center; (3 credits) Grade Method: REG/AUD.

Prerequisite: LBSC 601, LBSC 650, LBSC 670, and LBSC 690; or permission of instructor. Role of special libraries and information centers in the information transfer process. Analysis of the information transfer system; information needs and uses; management of special libraries and information centers; and types of libraries, such as governmental or industrial libraries, archives, and information analysis centers.

0201	Trudi Hahn	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 5:30pm - 8:45pm	HBK 4115

LBSC741 **Seminar in School Library Media Program Administration**

LBSC741 Seminar in School Library Media Program Administration; (3 credits) Grade Method: REG/AUD.

Prerequisites: permission of instructor. Development, management, and evaluation of school library media programs at all levels.

0101	Ann Weeks	Seats (Total: 16)
	Meets May 31, 2011 - July 10, 2011	
	MW 4:30pm - 8:15pm	HBK 4113

LBSC745 **Storytelling Materials and Techniques**

LBSC745 Storytelling Materials and Techniques; (3 credits) Grade Method: REG/AUD.
Prerequisite: LBSC645 or equivalent. Literary sources and instruction and practice in oral techniques. This is an online course.

SG20	Annette Goldsmith	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

LBSC767 **Access to Federal Government Information**

LBSC767 Access to Federal Government Information; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department and LBSC 650. Research methods, information needs, information production and structure, information sources and services, and selection policies related to federal government information.

ML10	John Shuler	Seats (Total: 19)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

LBSC775 **Construction and Maintenance of Index Languages and Thesauri**

LBSC775 Construction and Maintenance of Index Languages and Thesauri; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department and LBSC 670. Design of index languages/thesauri and procedures for their construction. Analysis and evaluation of existing index languages/thesauri. Term project in constructing an index language/thesaurus. This course will meet on campus, Saturday, June 4, 2011, 9:30 am-4:00 pm in HBK 2119. All other coursework will be done online.

0101	Taverekere Srikantaiah	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

LBSC898 **Pre-Candidacy Research**

LBSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC899 **Doctoral Dissertation Research**

LBSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING Linguistics Summer 2011

LING200 **Introductory Linguistics**

LING200 Introductory Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Does not count toward the Linguistics major and does not fulfill prerequisite requirements for all upper-level courses. Not open to students who have completed HESP120. Credit will be granted for only one of the following: HESP120 or LING200.
An exploration of the nature of human language, designed for non-majors. Introduction to the basic concepts and methodology of modern linguistic analysis (sound systems, word formation, sentence structure). Additional topics may include: semantics, pragmatics, social aspects of language, dialects, language change, acquisition, writing systems, typology, language universals, comparison with other communication systems, etc.

0201	Bradley Larson	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 2:00pm - 3:20pm	ARC 1101

LING240 **Language and Mind**

LING240 Language and Mind; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Required for LING majors and recommended for students in related fields. The study of language as a cognitive phenomenon. Focus on mastering the concepts and technical skills required for further courses in linguistics. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Additional topics may include: animal communication, language and the brain, language and thought.

0101	Ilknur Oded **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 30) KEY 0119

LING499 **Directed Studies in Linguistics**

LING499 *(PermReq)* **Directed Studies in Linguistics; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING689 **Independent Study**

LING689 Independent Study; (1-3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 2)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 2)

LING698 **Directed Study**

LING698 *(PermReq)* **Directed Study; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING798 **Research Papers in Linguistics**

LING798 Research Papers in Linguistics; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING799 **Master's Thesis Research**

LING799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING889 **Directed Research**

LING889 *(PermReq)* **Directed Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING895 **Doctoral Research Paper**

LING895 *(PermReq)* **Doctoral Research Paper; (6 credits)** Grade Method: REG.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 2)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 2)

LING896 **Research Paper in Minor Area**

LING896 Research Paper in Minor Area; (3 credits) Grade Method: REG/AUD. *Prerequisite: LING 895.* This course is designed to strengthen the students' ability to do research in a minor area of expertise, and to help them create a publishable piece. In addition, the course constitutes part of a set of requirements to advance to doctoral candidacy.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 1)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 1)

LING899 **Doctoral Dissertation Research**

LING899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH Mathematics Summer 2011

MATH110 **Elementary Mathematical Models**

MATH110 Elementary Mathematical Models; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility. Not open to students majoring in mathematics, engineering, business, life sciences, and the physical sciences. Not open to students who have completed MATH 140, MATH 220, or any MATH or STAT course for which MATH 140 or MATH 220 is a prerequisite. Credit will be granted for only one of the following: MATH110, MATH112, or MATH113. Topics include simple and compound interest; recursion for computing balances; installment loans and amortization; approximating data by linear models; analysis of applications to real-world collections of data; probability; conditional probability; independence; expected value; graphing and analysis of systems of inequalities; linear programming and applications.

0101	Minghao Wu **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0407

MATH111 **Introduction to Probability**

MATH111 Introduction to Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility or MATH110. Not open to students majoring in mathematics, engineering or the physical sciences. Not open to students who have completed STAT100 or any MATH or STAT course with a prerequisite of MATH141. Credit will be granted for only one of the following: MATH111 or STAT100. Logic, Boolean algebra, counting, probability, random variables, expectation, applications of the normal probability distribution.

0102	Wei Guo **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0423
0201	Jeremy Bradford **Meets July 11, 2011 - August 21, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0303

MATH113 **College Algebra with Applications**

MATH113 College Algebra with Applications; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility, or MATH110. Not open to students who have completed MATH140, MATH220, or any course for which MATH140 or MATH220 is a prerequisite. Credit will be granted for only one of the following: MATH112; or MATH113; or (MATH110 and MATH115). Preparation for MATH220. Graphs and applications of elementary functions including: polynomial, rational, exponential and logarithmic functions. Systems of linear equations and linear inequalities used to solve representative problems in linear programming. Matrices and matrix operations including inverse. Sequences.

0101	Domingo Ruiz **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am	Seats (Total: 25) MTH B0425

0102	Sabrina Rainwater **Meets May 31, 2011 - July 10, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH B0423
0201	Karl Schmitt **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0411

MATH115 **Precalculus**

MATH115 Precalculus; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: permission of department based on satisfactory score on the MATHEMATICS PLACEMENT EXAM, or satisfactory completion of MATH003 with the appropriate eligibility, or MATH113. Not open to students who have completed MATH140 or any MATH or STAT course for which MATH140 is a prerequisite. Credit will be granted for only one of the following: MATH113 or MATH115. Preparation for MATH220 or MATH140. Elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, trigonometric functions. Algebraic techniques preparatory for calculus.

0101	Sean Rostami **Meets May 31, 2011 - July 10, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0201
0201	Andrew Sanders **Meets July 11, 2011 - August 21, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0423
CP01	Timothy Pilachowski **Meets June 27, 2011 - July 29, 2011** MTuWThF 8:30am - 10:30am	Seats (Total: 0) MTH 0401

MATH140 **Calculus I**

MATH140 Calculus I; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and a satisfactory score on the MATHEMATICS PLACEMENT EXAM, or MATH115 with a grade of C or better. Credit will be granted for only one of the following: MATH130, MATH140 or MATH220. Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. The course is especially recommended for science, engineering and mathematics majors.

0101	Lingyan Cao **Meets May 31, 2011 - July 22, 2011** MTuWThF 8:00am - 9:20am	Seats (Total: 27) MTH 0103
0102	Gokhan Civan **Meets May 31, 2011 - July 22, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 27) MTH 0103
0103	Rongrong Wang **Meets May 31, 2011 - July 22, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 27) MTH 0103

MATH141 **Calculus II**

MATH141 Calculus II; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: A grade of C or better in MATH140 or equivalent; or a grade of B or better in MATH130 and permission of an undergraduate advisor in the math department. Credit will be granted for only one of the following: MATH131, MATH141 or MATH221. Continuation of MATH140, including techniques of integration, improper integrals, applications of integration (such as volumes, work, arc length, moments), inverse functions, exponential and logarithmic functions, sequences and series.

0101	Arijit Sehanobish **Meets May 31, 2011 - July 22, 2011** MTuWThF 8:00am - 9:20am	Seats (Total: 35) MTH 0106

0102	Tong Meng **Meets May 31, 2011 - July 22, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 35) MTH 0106
0103	Changhui Tan **Meets May 31, 2011 - July 22, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 35) MTH 0106

MATH206 **Introduction to Matlab**

MATH206 Introduction to Matlab; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141. Also offered as CMSC206. Credit will be granted for only one of the following: CMSC206, CMSC298M, MATH206 or MATH299M. This course is intended to prepare students for subsequent courses requiring computation with MATLAB. Covers basics of MATLAB including simple commands, variables, solving equations, graphing differentiation and integration, matrices and vectors, functions, M-files and fundamentals of programming in the MATLAB environment. When offered in Winter and Summer terms, the course is offered in a format suitable for online distance learning. Also offered as CMSC206. Prerequisite: MATH141. Formerly: MATH299M/CMSC298M. Fundamentals of Matlab, including how to run the software, basic commands, variables, solving equations, simple (pre-) calculus operations, matrices and vectors, functions, basic programming and M-files. Workload includes six assignments, one for each 3-4 days. Expected workload is 2-3 hourse per day of independent study.

WB21	Justin Wyss-Gallifent **Meets July 25, 2011 - August 12, 2011** Class time/details on ELMs	Seats (Total: 35) ONLINE

MATH213 **Elements of Geometry and Measurement**

MATH213 Elements of Geometry and Measurement; (3 credits) Grade Method: REG/AUD.
Prerequisite: MATH212. Restricted to elementary and early childhood education majors. Not open to students who have completed MATH211 with a grade of C- or better. Credit will be granted for only one of the following: MATH211 or MATH213. Properties of geometric objects in two and three dimensions; parallel lines, curves and polygons; ratio, proportion, similarity; transformational geometry and measurement, constructions, justifications and proofs.

0101	Karen McLaren **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0105

MATH220 **Elementary Calculus I**

MATH220 Elementary Calculus I; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the MATHEMATICS PLACEMENT EXAM, or MATH112, or MATH113, or MATH115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH130, MATH140 or MATH220. Basic ideas of differential and integral calculus, with emphasis on elementary techniques of differentiation and applications.

0101	Patrick Fitzpatrick **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 35) MTH 0304
0201	Chatchawan Panraksa **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0304

MATH221 **Elementary Calculus II**

MATH221 Elementary Calculus II; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: MATH220, MATH 130 or MATH140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH131, MATH141 or MATH221. Differential and integral calculus, with emphasis on elementary techniques of integration and applications.

0101	Peng Gao **Meets May 31, 2011 - July 10, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0429

MATH240 **Introduction to Linear Algebra**

MATH240 Introduction to Linear Algebra; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH 131 with a grade of C or better, or MATH141 or equivalent. Credit will be granted for only one of the following: MATH240, MATH341, MATH400, or MATH461. Basic concepts of linear algebra: vector spaces, applications to line and plane geometry, linear equations and matrices, similar matrices, linear transformations, eigenvalues, determinants and quadratic forms.

0101	Yue Tian	Seats (Total: 25)
	Meets May 31, 2011 - July 22, 2011	
	MTuWThF 11:00am - 12:20pm	MTH 0409

MATH241 **Calculus III**

MATH241 Calculus III; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141. Credit will be granted for only one of the following: MATH241 or MATH340. Introduction to multivariable calculus, including vectors and vector-valued functions, partial derivatives and applications of partial derivatives (such as tangent planes and Lagrange multipliers), multiple integrals, volume, surface area, and the classical theorems of Green, Stokes and Gauss.

0101	Jeffrey Frazier	Seats (Total: 35)
	Meets May 31, 2011 - July 22, 2011	
	MTuWThF 9:30am - 10:50am	MTH B0421

MATH246 **Differential Equations for Scientists and Engineers**

MATH246 Differential Equations for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; and any one of the following: MATH240 or ENES102 or PHYS161 or PHYS171. Credit will be granted for only one of the following: MATH246 or MATH341. An introduction to the basic methods of solving ordinary differential equations. Equations of first and second order, linear differential equations, Laplace transforms, numerical methods and the qualitative theory of differential equations.

0101	Christian Sykes	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 10:50am	MTH 0201

0102	Jonathan Huang **Meets May 31, 2011 - July 10, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 30) MTH 0303
0201	Michael Jakobson **Meets July 11, 2011 - August 21, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0307
0202	Alexey Miroshnikov **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0305

MATH401 **Applications of Linear Algebra**

MATH401 Applications of Linear Algebra; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH240 or MATH461. Various applications of linear algebra: theory of finite games, linear programming, matrix methods as applied to finite Markov chains, random walk, incidence matrices, graphs and directed graphs, networks and transportation problems.

0101	Peter Wolfe **Meets May 31, 2011 - July 10, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) MTH 0104

MATH406 **Introduction to Number Theory**

MATH406 Introduction to Number Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141 or permission of department. Integers, divisibility, prime numbers, unique factorization, congruences, quadratic reciprocity, Diophantine equations and arithmetic functions.

0201	Joel Cohen **Meets July 11, 2011 - August 21, 2011** MTuWThF 11:00am - 12:20pm	Seats (Total: 27) MTH 0303

MATH410 **Advanced Calculus I**

MATH410 *(PermReq)* **Advanced Calculus I; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: MATH240 and MATH241, with grade of C or better; and permission of department. First semester of a year course. Subjects covered during the year are: sequences and series of numbers, continuity and differentiability of real valued functions of one variable, the Riemann integral, sequences of functions and power series. Functions of several variables including partial derivatives, multiple integrals, line and surface integrals. The implicit function theorem.

0101	Jens Christensen	Seats (Total: 38)
	Meets May 31, 2011 - July 22, 2011	
	MTuThF 11:00am - 12:20pm	MTH B0421

MATH411 **Advanced Calculus II**

MATH411 *(PermReq)* **Advanced Calculus II; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: MATH410 and permission of department. Credit will be granted for only one of the following: MATH411 or MATH412. Continuation of MATH410.

0101	Elizabeth Wilson	Seats (Total: 25)
	Meets May 31, 2011 - July 22, 2011	
	MTuThF 9:30am - 10:50am	MTH 0104

MATH461 **Linear Algebra for Scientists and Engineers**

MATH461 Linear Algebra for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: MATH141 and one MATH/STAT course for which MATH141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH240, MATH341, MATH400 or MATH461. Basic concepts of linear algebra. This course is similar to MATH 240, but with more extensive coverage of the topics needed in applied linear algebra: change of basis, complex eigenvalues, diagonalization, the Jordan canonical form.

0101	Yu-Ru Huang	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 10:50am	MTH 0101

0201	Son Ho	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 10:50am	MTH 0105

MATH462 **Partial Differential Equations for Scientists and Engineers**

MATH462 Partial Differential Equations for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: MATH241 and MATH246. Linear spaces and operators, orthogonality, Sturm-Liouville problems and eigenfunction expansions for ordinary differential equations. Introduction to partial differential equations, including the heat equation, wave equation and Laplace's equation. Boundary value problems, initial value problems and initial-boundary value problems.

0201	Manoussos Grillakis	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 10:50am	MTH 0201

MATH478A **Selected Topics For Teachers of Mathematics**

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH498A **Selected Topics in Mathematics**

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH498G **Selected Topics in Mathematics; Learning Math Through Games**

MATH498G *(PermReq)* **Selected Topics in Mathematics: Learning Math Through Games; (3 credits)** Grade Method: REG/P-F.
This course is the academic part of the Mathematics Summer Program in Research and Learning (Math SPIRAL). It is only available to students nominated by affiliated institutions, and approved by the SPIRAL staff.

0101	Kenneth Berg	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 8:45am - 10:45am	MTH 1311	
	MTuWThF 10:45am - 12:00pm	MTH 1311	Discussion

MATH608A **Selected Topics in Algebra**

MATH608A *(PermReq)* **Selected Topics in Algebra; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH648A **Selected Topics in Analysis**

MATH648A *(PermReq)* **Selected Topics in Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH668A **Selected Topics in Complex Analysis**

MATH668A *(PermReq)* **Selected Topics in Complex Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH689 **Research Interactions in Mathematics**

MATH689 *(PermReq)* **Research Interactions in Mathematics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH718A **Selected Topics in Mathematical Logic**

MATH718A *(PermReq)* **Selected Topics in Mathematical Logic; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH748A **Selected Topics in Geometry and Topology**

MATH748A *(PermReq)* **Selected Topics in Geometry and Topology; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH799 **Master's Thesis Research**

MATH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH898 **Pre-Candidacy Research**

MATH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH899 **Doctoral Dissertation Research**

MATH899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES Marine-Estuarine-Environmental Sciences Summer 2011

MEES698F **Special Topics in Marine-Estuarine-Environmental Sciences; Early Life History Of Marine Fishes**

MEES698F *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Early Life History Of Marine Fishes; (3 credits)** Grade Method: REG/AUD.

0101	Edward Houde	Seats (Total: 12)
	Meets June 6, 2011 - June 24, 2011	
	Contact instructor or department for details.	

MEES698R **Special Topics in Marine-Estuarine-Environmental Sciences; Ecology and Natural Resources Management in Brazil**

Contact department for information to register for this course.

MEES699 **Special Problems in Marine-Estuarine-Environmental Sciences**

MEES699 *(PermReq)* **Special Problems in Marine-Estuarine-Environmental Sciences; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES799 **Masters Thesis Research**

MEES799 Masters Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES898 **Pre-Candidacy Research**

MEES898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES899 **Doctoral Dissertation Research**

MEES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH Maryland Institute for Applied Environmental Health Summer 2011

MIEH600 **Foundations of Environmental Health**

MIEH600 Foundations of Environmental Health; (3 credits) Grade Method: REG/AUD.
Not open to students who have completed HLTH761. Credit will be granted for only one of the following: HLTH761 or MIEH600. Formerly HLTH761. Overview of the chemical, physical and biological hazards present in our living and working environment and their effects on human health. Topics include: exposure assessment, industrial hygiene and safety, pesticides, community and indoor pollution, food-borne diseases, solid and hazardous wastes, water resources, risk assessement, ecological issues and environmental laws.

0101	Nicole Deziel	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MW 5:30pm - 9:15pm	SPH 0303

MIEH785 **Internship in Public Health**

MIEH785 Internship in Public Health; (3 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

Contact department for information to register for this course.

MIEH786 **Captsone Project in Public Health**

MIEH786 Captsone Project in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

0101	Betty Dabney	Seats (Total: 5)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0102	Amir Sapkota	Seats (Total: 5)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

0103	Amy Sapkota **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0201	Betty Dabney **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0202	Amir Sapkota **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0203	Amy Sapkota **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0204	Donald Milton **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

MIEH788 **Critical Readings in Environmental Health**

MIEH788 *(PermReq)* **Critical Readings in Environmental Health; (1-3 credits)**
Grade Method: REG/AUD.

0102	Amir Sapkota **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0103	Amy Sapkota **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)

0202	Amir Sapkota **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0203	Amy Sapkota **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0204	Donald Milton **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

MIEH789 **Independent Study**

MIEH789 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH799 **Master's Thesis Research**

MIEH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUED Music Education Summer 2011

MUED696 **Assessment in Music Education**

MUED696 Assessment in Music Education; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* Historical and theoretical nature of assessment in education. Application and critique of various materials and approaches to assessment in music education. Development of appropriate evaluation and reporting tools.

WB10	Michael Hewitt **Meets May 31, 2011 - July 8, 2011** Class time/details on ELMs	Seats (Total: 15) ONLINE

MUED699M **Workshops, Clinics, Institutes; Middle School Music Education Practicum**

MUED699M *(PermReq)* **Workshops, Clinics, Institutes: Middle School Music Education Practicum; (1-3 credits)** Grade Method: REG/AUD.

0401	Janet Montgomery	Seats (Total: 10)
	Meets July 24, 2011 - August 5, 2011	
	MTuWThF 9:00am - 3:00pm	Location: TBA
	Band Camp, July 24 - 29, 2011. String and Vocal Camp, July 31 - August 5, 2011. Observation of, participation with, and reflection on middle school musicians enrolled in UMD Summer Youth Music Camp.	

MUSC School of Music Summer 2011

MUSC102B **Class Piano**

MUSC102B Class Piano; (2 credits) Grade Method: REG/P-F/AUD.
Limited to non-music majors.

0101	Christiana Iheadindu	Seats (Total: 14)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 12:00pm - 1:20pm	PAC 1123

MUSC140 **Music Fundamentals I**

MUSC140 Music Fundamentals I; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Limited to non-music majors. Introductory theory course. Notation, scales, intervals, triads, rhythm, form and basic aural skills.

0101	Mark Nowakowski	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 11:00am - 12:40pm	PAC 2160
0201	Evan Meier	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MTuWTh 11:00am - 12:40pm	PAC 3164

MUSC205 **History of Popular Music, 1950-Present**

MUSC205 History of Popular Music, 1950-Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
A historical survey of rock music (blues, rock, soul, metal, rap, etc.) from circa 1950 to the present, with emphasis on popular music as music and popular music as social history.

0301	Kate Weber-Petrova	Seats (Total: 30)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 10:00am - 12:45pm	PAC 3160

MUSC269A **Special Topics in Study Abroad II; Enhancing Spanish Language and Cultural Knowledge Through Music**

Contact department for information to register for this course.

MUSC269I **Special Topics in Study Abroad II; History of Italian Music**

Contact department for information to register for this course.

MUSC388 **Music Internship**

MUSC388 *(PermReq)* **Music Internship; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC389 **Music Internship Analysis; Music Internship Analysis**

MUSC389 *(PermReq)* **Music Internship Analysis: Music Internship Analysis; (1 credit)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC448 **Selected Topics in Music**

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC463 **Applications in Music Technology**

MUSC463 Applications in Music Technology; (3 credits) Grade Method: REG/P-F/AUD.
A hands-on study of computer hardware and software that makes use of the MIDI (Musical Instrument Digital Interface) specification. This protocol allows computers, synthesizers and various other devices to send and receive information about musical performance, notation and sound. The course focuses on two of the most frequently used applications on MIDI -- sequencing and music notation. Also included is an introduction to digital audio. No previous experience with computers is required. Ability to read music on a grand staff (treble and bass clef) is recommended. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0501	Mark Nowakowski	Seats (Total: 15)
	Meets June 20, 2011 - July 8, 2011	
	MTuWThF 1:00pm - 4:00pm	PAC 1108

MUSC499 **Independent Studies**

MUSC499 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC699 **Selected Topics in Music**

MUSC699 Selected Topics in Music; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC799 **Master's Thesis Research**

MUSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC898 **Pre-Candidacy Research**

MUSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC899 **Doctoral Dissertation Research**

MUSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NACS Neuroscience & Cognitive Science Summer 2011

NACS898 **Pre-Candidacy Research**

NACS898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F.

0108	Thomas Carlson **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 1)
0170	Jose Contreras-Vidal **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0208	Thomas Carlson **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0270	Jose Contreras-Vidal **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

NACS899 **Doctoral Dissertation Research**

NACS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC Nutrition and Food Science Summer 2011

NFSC100 **Elements of Nutrition**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.

Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.

0101	Margaret Udahogora	Seats (Total: 35)	
	Meets May 31, 2011 - July 10, 2011		
	MWF 9:30am - 10:50am	WDS 1114	
	TuTh 9:30am - 10:50am	WDS 1114	Discussion

NFSC112 **Food: Science and Technology**

NFSC112 *(PermReq)* **Food: Science and Technology; (3 credits)** Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.

Introduction to the realm of food science, food technology and food processing. An overview of the largest industry in the U.S. with emphasis on the science of food and the technology of food preservation from harvest through processing and packaging to distribution and consumer utilization.

YS41	Herman Lutterodt	Seats (Total: 25)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:30am - 12:30pm	TWS 1106	
	This section is part of The Young Scholars Program. Enrollment by permission only.		

NFSC399 **Special Problems in Food Science**

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC490 **Special Problems in Nutrition**

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisites: NFSC440 and permission of department. Individually selected problems in the area of human nutrition.

Contact department for information to register for this course.

NFSC498C **Selected Topics; Food Biotechnology**
Contact department for information to register for this course.

NFSC678 **Selected Topics in Nutrition**

NFSC678 Selected Topics in Nutrition; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC699 **Problems in Nutrition and Food Science**

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC799 **Master's Thesis Research**

NFSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC898 **Pre-Candidacy Research**

NFSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0103	Qin Wang	Seats (Total: 5)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

0115	Liangli Yu **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0116	Robert Buchanan **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)
0203	Qin Wang **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)
0215	Liangli Yu **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
0216	Robert Buchanan **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)

NFSC899 **Doctoral Dissertation Research**

NFSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PERS Persian Summer 2011

PERS399 **Directed Study in Persian**

PERS399 Directed Study in Persian; (1-3 credits) Grade Method: REG/P-F/AUD.

PC01	Nahal Akbari-Saneh **Meets May 31, 2011 - August 21, 2011** Th 10:00am - 1:00pm	Seats (Total: 3) SQH 2123

PERS601 **Modern Persian Literature**

PERS601 Modern Persian Literature; (3 credits) Grade Method: REG.
Prerequisite: permission of department. Selected readings in Persian poetry, fiction and drama covering topics related to contemporary Iranian society and culture. In Persian.

PC01	Hadi Golkar	Seats (Total: 15)
	Meets May 31, 2011 - July 22, 2011	
	MW 10:00am - 1:00pm	SQH 2117
	This section is restricted to MPPE students only.	

PERS662 **Persian Sociolinguistics**

PERS662 Persian Sociolinguistics; (3 credits) Grade Method: REG/AUD.
Prerequisite: permission of department. Study of impact of social and regional factors on spoken and written usage. In Persian.

PC01	Seyyed Mousavi	Seats (Total: 15)
	Meets May 31, 2011 - July 21, 2011	
	TuF 10:00am - 1:00pm	SQH 2123

PHIL Philosophy Summer 2011

PHIL100 **Introduction to Philosophy**

PHIL100 Introduction to Philosophy; (3 credits) Grade Method: REG/P-F/AUD.
CORE Humanities (HO) Course.
An introduction to the literature, problems, and methods of philosophy either through a study of some of the main figures in philosophic thought or through an examination of some of the central and recurring problems of philosophy. This is an online course, which will be taught using Blackboard. There will be no classroom meetings. Students who wish to register for this se ction after June 6, 2011, please e-mail summer@umd.edu.

WB51	Maxwell Heiber	Seats (Total: 40)
	Meets June 20, 2011 - July 8, 2011	
	Class time/details on ELMs	ONLINE

PHIL140 **Contemporary Moral Issues**

PHIL140 Contemporary Moral Issues; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice.

WB41	Lucas Dunlap **Meets July 11, 2011 - July 29, 2011** Class time/details on ELMs	Seats (Total: 40) ONLINE
YS41	Leland Saunders **Meets July 11, 2011 - July 29, 2011** MTuWThF 10:00am - 1:00pm *This section is part of The Young Scholars Program. Enrollment by permission only.*	Seats (Total: 20) TLF 1103

PHIL170 **Introduction to Logic**

PHIL170 Introduction to Logic; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns.

WB31	David McElhoes **Meets May 31, 2011 - June 17, 2011** Class time/details on ELMs	Seats (Total: 45) ONLINE

PHIL209C **Philosophical Issues: Heated Debates: Philosophy and Climate Change**

PHIL209C Philosophical Issues: Heated Debates: Philosophy and Climate Change; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.
This course will survey the scientific basics of climate change and ask philosophical questions about climate science, including the following: How do we know whether climate science is accurate? What is the role of values in science? What are our responsibilities toward future generations?

WB31	Mathias Frisch **Meets May 31, 2011 - June 17, 2011** Class time/details on ELMs	Seats (Total: 40) ONLINE

PHIL261 **Philosophy of the Environment**

PHIL261 Philosophy of the Environment; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.
Not open to students who have completed HONR218F or PHIL209N. Formerly HONR218F. An evaluation of different kinds of arguments for the claim that the natural environment should be preserved. Perspectives cut across the disciplines of philosophy (environmental ethics and philosophies of nature); economics (cost-benefit analysis); and biology (evolution, ecology, environmental studies).

WB51	Lane Desautels	Seats (Total: 40)
	Meets June 20, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

PHIL308A **Studies in Contemporary Philosophy; Truth in Art**

PHIL308A Studies in Contemporary Philosophy: Truth in Art; (3 credits) Grade Method: REG/P-F/AUD.
This course asks the question, ``Can there be truth in art?'' We will examine major theories of both truth and art, and explore problems in understanding truth and art in light of one another, finally considering some solutions that attempt to reconcile them with each other

WB11	Brock Rough	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

PHIL308B **Studies in Contemporary Philosophy; Philosophy of Film**

PHIL308B Studies in Contemporary Philosophy: Philosophy of Film; (3 credits) Grade Method: REG/P-F/AUD.
A study of what philosophers and film theorists have had to say about such topics as the connection between film and reality, interpretation, emotions, and imagination.

WB21	Elizabeth Picciuto	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

PHIL308L **Studies in Contemporary Philosophy; Love and Sex**

PHIL308L Studies in Contemporary Philosophy: Love and Sex; (3 credits) Grade Method: REG/P-F/AUD.
LOVE AND SEX A philosophical study of the nature of love, the nature of sex, and the relationships between them. We will examine conceptual, ethical, psychological and social dimensions of of love and sexuality through classical and contemporary readings. Emailjoel_gibson@hotmail.com with questions.

WB21	Joel Gibson	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

PHIL308R **Studies in Contemporary Philosophy; Philosophy and BS**

PHIL308R Studies in Contemporary Philosophy: Philosophy and BS; (3 credits) Grade Method: REG/P-F/AUD.
An examination of what BS is and how it relates to truth and lying. We will explore the role of BS in academia, advertising, political discourse, and interpersonal relationships, and discuss the practical and moral implications of a society that tolerates a high proportion of BS.

WB21	Mark Engelbert	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	Class time/details on ELMs	ONLINE

PHIL308T **Studies in Contemporary Philosophy; Free Will and the Meaning of Life**

PHIL308T Studies in Contemporary Philosophy: Free Will and the Meaning of Life; (3 credits) Grade Method: REG/P-F/AUD.
A review and analysis of the notion of free will as an intersection of philosophy, physics, and psychology.

WB11	Dimiter Kirilov	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

PHIL498 **Topical Investigations**

PHIL498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

PHIL688 **Selected Problems in Philosophy**

PHIL688 *(PermReq)* **Selected Problems in Philosophy; (1-3 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

PHIL788 **Research in Philosophy**

PHIL788 *(PermReq)* **Research in Philosophy; (1-6 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

PHIL799 **Master's Thesis Research**

PHIL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements.

Contact department for information to register for this course.

PHIL899 **Doctoral Dissertation Research**

PHIL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

PHYS Physics Summer 2011

PHYS121 **Fundamentals of Physics I**

PHYS121 Fundamentals of Physics I; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Prerequisite: MATH112 or MATH115. Credit will be granted for only one of the following: PHYS121 or PHYS131. The first part of a two-semester course in general physics treating the fields of mechanics, heat, sound, electricity, magnetism, optics, and modern physics. Together with PHYS122, this generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0101	Kathleen Restorff	Seats (Total: 26)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 9:30am - 10:50am	PHY 1410	
	TuTh 12:00pm - 2:00pm	PHY 3306	Lab
	MW 11:00am - 11:50am	MTH 0306	Discussion
0102	Kathleen Restorff	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 9:30am - 10:50am	PHY 1410	
	TuTh 2:00pm - 4:00pm	PHY 3306	Lab
	TuTh 1:00pm - 1:50pm	PHY 0405	Discussion
0181	Giridhar Nandikotkur	Seats (Total: 26)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3306	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS122 **Fundamentals of Physics II**

PHYS122 Fundamentals of Physics II; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Prerequisite: PHYS121 or equivalent. A continuation of PHYS121, which together with it, generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0201	Michael Rapport	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	TuTh 12:00pm - 2:00pm	PHY 3312	Lab
	MW 11:00am - 11:50am	PHY 1402	Discussion
0202	Michael Rapport	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	TuTh 2:00pm - 4:00pm	PHY 3312	Lab
	TuTh 1:00pm - 1:50pm	PHY 1219	Discussion
0281	Hailu Gebremariam	Seats (Total: 26)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3312	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS141 **Principles of Physics**

PHYS141 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Corequisite: MATH141 or MATH221. Credit will not be granted for PHYS171 and PHYS161 or PHYS141 or former PHYS191. The first of a two-semester series in general physics. The first semester covers the fields of mechanics, thermodynamics, and special relativity. This survey course will use calculus and is recommended for chemistry and zoology majors. It also satisfies the requirements of medical and dental schools.

0181	Darayash Tata	Seats (Total: 26)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 5:30pm - 6:50pm	PHY 1402	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1402	Discussion

PHYS142 **Principles of Physics**

PHYS142 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course.
Prerequisite: PHYS141 or equivalent. Credit will be granted for only one of the following: PHYS142, PHYS260 and PHYS261, or PHYS272. A continuation of PHYS141 covering waves, electricity and magnetism, optics and modern physics.

0281	Nicholas Cummings	Seats (Total: 29)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 5:30pm - 6:50pm	PHY 1402	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1402	Discussion

PHYS161 **General Physics: Mechanics and Particle Dynamics**

PHYS161 General Physics: Mechanics and Particle Dynamics; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course.
Pre- or corequisite: MATH141. Credit will not be granted for PHYS171 and PHYS161 or PHYS141 or former PHYS191. First semester of a three-semester calculus-based general physics course. Laws of motion, force, and energy; principles of mechanics, collisions, linear momentum, rotation, and gravitation.

0101	Giridhar Nandikotkur	Seats (Total: 32)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 9:30am - 10:50am	PHY 0405	
	TuTh 11:00am - 11:50am	PHY 0405	Discussion

PHYS260 **General Physics: Vibration, Waves, Heat, Electricity and Magnetism**

PHYS260 General Physics: Vibration, Waves, Heat, Electricity and Magnetism; (3 credits) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) Course when take concurrently with PHYS 261. Prerequisite: MATH141 and PHYS161. Corequisite: PHYS261. Credit will be granted for only one of the following: PHYS142, PHYS260 and PHYS261, or PHYS272.
Second semester of a three-semester calculus-based general physics course. Vibrations, waves, fluids; heat, kinetic theory, and thermodynamics; electrostatics, circuits, and magnetism. PHYS260 and PHYS261 must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	David Buehrle	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWThF 9:30am - 10:50am	PHY 1219	
	MW 11:00am - 12:00pm	PHY 1219	Discussion

PHYS261 **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 260. Corequisite: PHYS260. Lab includes experiments on mechanics, vibrations, waves, heat, electricity and magnetism. PHYS260 and PHYS261 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	David Buehrle	Seats (Total: 24)	
	Meets July 11, 2011 - August 21, 2011		
	TuTh 1:00pm - 4:00pm	PHY 3219	Lab

PHYS261M **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261M General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 260. Corequisite: PHYS260.

0201	David Buehrle	Seats (Total: 10)	
	Meets July 11, 2011 - August 21, 2011		
	Contact instructor or department for details.		

PHYS270 **General Physics: Electrodynamics, Light, Relativity and Modern Physics**

PHYS270 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (3 credits) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) Course when take concurrently with PHYS 271. Prerequisite: PHYS260, PHYS261 and MATH241. Corequisite: PHYS271. Credit will be granted for only one of the following: PHYS270 and PHYS271, or PHYS273. Third semester of a three-semester calculus-based general physics course. Electrodynamics, Maxwell's equations and electromagnetic waves, geometrical optics, interference, diffraction, special theory of relativity, and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	David Buehrle	Seats (Total: 27)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	MW 11:00am - 12:00pm	PHY 1402	Discussion

PHYS271 **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271 General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 270. Prerequisite: PHYS261. Corequisite: PHYS270. Lab includes experiments on ac circuits, magnetism, light and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	David Buehrle	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	MW 1:00pm - 4:00pm	PHY 3220	Lab

PHYS271M **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271M General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
CORE Physical Science Lab (PL) course only when taken concurrently with PHYS 270. Prerequisite: PHYS261. Corequisite: PHYS270.

0101	David Buehrle	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

PHYS299 **Special Problems in Physics**

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS399 **Special Problems in Physics**

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS499 **Special Problems in Physics**

PHYS499 *(PermReq)* **Special Problems in Physics; (1-16 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS798 **Special Problems in Advanced Physics**

PHYS798 *(PermReq)* **Special Problems in Advanced Physics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

PHYS798I **Special Problems in Advanced Physics; RF Superconductivity: Physics, Technology and Applications**

	Contact department for information to register for this course.
PHYS798J	**Special Problems in Advanced Physics; Beam Dynamics Experiments on University of Maryland Electron Ring** **Contact department for information to register for this course.**
PHYS798K	**Special Problems in Advanced Physics; Beam Physics with Intense Space Charge** **Contact department for information to register for this course.**
PHYS798M	**Special Problems in Advanced Physics; Medical Applications of Accelerators** **Contact department for information to register for this course.**
PHYS798O	**Special Problems in Advanced Physics; Laser Plasma Accelerators** **Contact department for information to register for this course.**
PHYS798Q	**Special Problems in Advanced Physics; Vacuum Electron Devices** **Contact department for information to register for this course.**
PHYS798R	**Special Problems in Advanced Physics; Beam-Based Diagnostics** **Contact department for information to register for this course.**
PHYS798T	**Special Problems in Advanced Physics; Radiation Detection and Imaging for Medicine and Homeland Security** **Contact department for information to register for this course.**
PHYS798V	**Special Problems in Advanced Physics; Laser Application to Accelerators** **Contact department for information to register for this course.**
PHYS798W	**Special Problems in Advanced Physics; Microwave Sources** **Contact department for information to register for this course.**
PHYS798X	**Special Problems in Advanced Physics; Control Room Accelerator Physics** **Contact department for information to register for this course.**
PHYS799	**Master's Thesis Research** **PHYS799** *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS898 **Pre-Candidacy Research**

PHYS898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS899 **Doctoral Dissertation Research**

PHYS899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC Plant Sciences Summer 2011

PLSC100 **Introduction to Horticulture**

PLSC100 Introduction to Horticulture; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course.
An overview to the art and science of horticulture. Relationships between plant science and plant production, the use of horticultural plants and plant stress as influenced by cultural practices. Students must pay a $50.00 lab materials fee.

0112	Carol Allen	Seats (Total: 24)	
	Meets May 31, 2011 - July 10, 2011		
	MTuWThF 9:30am - 10:50am	PLS 1119	
	MW 12:30pm - 3:20pm	PLS 1153	Lab

PLSC389 **Internship**

PLSC389 *(PermReq)* **Internship; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC399 **Special Problems in Plant Science**

PLSC399 Special Problems in Plant Science; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC608 **Research Methods**

Contact department for information to register for this course.

PLSC799 **Master's Thesis Research**

PLSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC898 **Pre-Candidacy Research**

PLSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC899 **Doctoral Dissertation Research**

PLSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC Psychology Summer 2011

PSYC100 **Introduction to Psychology**

PSYC100 Introduction to Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.

0101	Barry Smith	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 11:00am - 12:20pm	BPS 1250

FF61	Scott Roberts	Seats (Total: 32)
	Meets August 1, 2011 - August 19, 2011	
	MTuWTh 1:00pm - 4:20pm	PLS 1180

PSYC200 **Statistical Methods in Psychology**

PSYC200 Statistical Methods in Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100; and one of the following: MATH111, MATH140, MATH220, STAT100, or MATH130 with a C (2.0) or higher. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. A basic introduction to quantitative methods used in psychological research.

0101	Tracy Tomlinson	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 9:30am - 12:55pm	BPS 1142
0201	Brandi Stupica	Seats (Total: 40)
	Meets July 11, 2011 - August 21, 2011	
	MW 12:00pm - 3:30pm	BPS 0283

PSYC206 **Developmental Biopsychology**

PSYC206 Developmental Biopsychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Biological basis of behavioral development in relation to genetic, constitutional, anatomical, physiological, and environmental factors. Emphasis upon both phylogenetic and ontogenetic research findings in biological psychology. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu .

0401	Steven Brauth	Seats (Total: 26)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:30am - 12:30pm	BPS 1228

0501	Steven Brauth	Seats (Total: 25)	
	Meets June 20, 2011 - July 8, 2011		
	MTuWThF 9:30am - 12:30pm	BPS 0283	
	Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .		

PSYC221 **Social Psychology**

PSYC221 Social Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: PSYC100. The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, person perception, interpersonal attraction, and group behavior. Click here for more course information.

0101	Julia O'Brien	Seats (Total: 45)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 9:30am - 12:50pm	BPS 1232	
YS41	Scott Roberts	Seats (Total: 35)	
	Meets July 11, 2011 - July 29, 2011		
	MTuWThF 9:00am - 12:00pm	PLS 1117	
	This section is part of the Young Scholars Program. Enrollment by permission only.		

PSYC300 **Research Methods in Psychology**

PSYC300 Research Methods in Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC200. For PSYC majors only. Credit will be granted for only one of the following: PSYC300 or PSYC309R. Formerly PSYC309R. A general introduction and overview to the fundamental theoretical, conceptual, and practical issues in psychological research in both the laboratory and the field.

0101	Ryan Curtis	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	TuTh 1:00pm - 4:20pm	BPS 1228	
	W 1:00pm - 4:20pm	BPS 1228	Lab

PSYC332 **Psychology of Human Sexuality**

PSYC332 Psychology of Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. A survey of historical and contemporary psychological views on a wide variety of sexual behaviors; theory and research bearing on the relationship between life span psychological development, psychological functioning, interpersonal processes and sexual behaviors; political and social issues involved in current sexual norms and practices.

0101	John Jackson	Seats (Total: 36)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:30am - 12:50pm	BPS 1234

PSYC334 **Psychology of Interpersonal Relationships**

PSYC334 Psychology of Interpersonal Relationships; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict resolution), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).

0201	Ryan Curtis	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	MW 9:30am - 12:50pm	BPS 1238

PSYC355 **Developmental Psychology**

PSYC355 Developmental Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Survey of research and theory of psychological development from conception through childhood, stressing physiological, conceptual and behavioral changes, and the social and biological context in which individuals develop.

0101	Laura Sherman	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 9:30am - 12:50pm	BPS 1103

PSYC386 **Experiential Learning**

PSYC386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. *Prerequisite: permission of department. Junior standing.* Click here for more course inforamtion.

0101	Scott Roberts	Seats (Total: 5)	
	Meets May 31, 2011 - August 14, 2011		
	Contact instructor or department for details.		

PSYC420 **Experimental Psychology: Social Processes I**

PSYC420 Experimental Psychology: Social Processes I; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC221; PSYC300. Restricted to PSYC majors who have completed 85 credits. A laboratory course to provide a basic understanding of experimental method in social psychology and experience in conducting research on social processes. Click here for more course information.

0201	Catalina Kopetz	Seats (Total: 25)	
	Meets July 11, 2011 - August 21, 2011		
	MW 5:00pm - 8:20pm	BPS 1103	
	Tu 5:00pm - 8:20pm	BPS 1103	Lab

PSYC424 **Communication and Persuasion**

PSYC424 Communication and Persuasion; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: PSYC200 and PSYC221. Effect of social communication upon behavior and attitudes. Theory and research concerning attitude change and social influence.

0101	Steven Buzinski	Seats (Total: 25)	
	Meets May 31, 2011 - July 10, 2011		
	MW 9:00am - 12:45pm	BPS 1232	

PSYC432 **Introduction to Counseling Psychology**

PSYC432 Introduction to Counseling Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC200. Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

0301	Jingqing Liu	Seats (Total: 25)
	Meets May 31, 2011 - June 17, 2011	
	MTuWTh 9:00am - 12:45pm	PLS 1113

PSYC433 **Basic Helping Skills: Research and Practice**

PSYC433 Basic Helping Skills: Research and Practice; (4 credits) Grade Method: REG.
Prerequisite: PSYC300; and one of the following: PSYC235, PSYC334, PSYC353, PSYC432, PSYC434, PSYC435, or PSYC436. Restricted to PSYC majors who have completed 85 credits. Theories and research regarding effective helping skills. Students will practice helping skills with each other and will conduct research projects evaluating their helping skills. Students should be willing to talk about personal issues in class. Because of the participatory nature of this class, attendance normally will be included in the computation of grades.

0102	Maria Wydra	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MWF 9:00am - 12:00pm	BPS 1228
	This section meets for 6 weeks.	

PSYC436 **Introduction to Clinical Psychology: From Science to Practice**

PSYC436 Introduction to Clinical Psychology: From Science to Practice; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC300. Critical analysis of clinical psychology, with particular emphasis on current developments and trends.

0201	Susan Lee	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 9:30am - 12:50pm	BPS 1234

PSYC479 **Special Research Problems in Psychology**

PSYC479 *(PermReq)* **Special Research Problems in Psychology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Click here for more course information.

Contact department for information to register for this course.

PSYC629 **Clinical Laboratory**

PSYC629 *(PermReq)* **Clinical Laboratory; (1-3 credits)** Grade Method: S-F.

0101	Mary Byrne, Kelly O'Brien	Seats (Total: 20)
	Meets May 31, 2011 - August 19, 2011	
	Contact instructor or department for details.	

PSYC638 **Externship in Professional Psychology**

PSYC638 *(PermReq)* **Externship in Professional Psychology; (1-3 credits)** Grade Method: S-F.

0101	Jack Blanchard	Seats (Total: 10)
	Meets May 31, 2011 - August 19, 2011	
	Contact instructor or department for details.	

PSYC799 **Master's Thesis Research**

PSYC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC898 **Pre-Candidacy Research**

PSYC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC899 **Doctoral Dissertation Research**

PSYC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF Public Policy Summer 2011

PUAF610 **Quantitative Aspects of Public Policy**
Contact department for information to register for this course.

PUAF640 **Microeconomic and Policy Analysis**
Contact department for information to register for this course.

PUAF641 **Macroeconomics and Policy Analysis**

PUAF641 Macroeconomics and Policy Analysis; (3 credits) Grade Method: REG/AUD.
For PUAF majors only or permission of department. Studies the behavior of the economy as a whole: the level of national income, unemployment, and inflation; the vulnerability of the U.S. economy to external influences; possible federal influence over the level of economic activity; and the consequences for prices, employment and the U.S. trade deficit. Also examines possible U.S. policy responses to widespread debt crises in developing countries.

0101	William Helkie	Seats (Total: 20)	
	Meets May 31, 2011 - July 10, 2011		
	MW 5:30pm - 8:45pm	VMH 1107	
	TuTh 5:30pm - 8:45pm	VMH 1107	Discussion

PUAF650 **Moral Dimensions of Public Policy**
Contact department for information to register for this course.

PUAF670 **Finance**
Contact department for information to register for this course.

PUAF671 **Public Sector Finance**
Contact department for information to register for this course.

PUAF688X **Topics in Public Policy; Performance Management**

	Contact department for information to register for this course.
PUAF689X	**Public Policy Topics; Performance Management** **Contact department for information to register for this course.**
PUAF692	**Leadership Principles and Practices** **Contact department for information to register for this course.**
PUAF698	**Selected Topics in Public Affairs** **Contact department for information to register for this course.**
PUAF698A	**Selected Topics in Public Affairs; Smart Growth** **Contact department for information to register for this course.**
PUAF698C	**Selected Topics in Public Affairs; Intelligence and Policy** **Contact department for information to register for this course.**
PUAF698F	**Selected Topics in Public Affairs; Jobs, Justice and the Environment** **Contact department for information to register for this course.**
PUAF698N	**Selected Topics in Public Affairs; Intelligence Policy and Organizations** **Contact department for information to register for this course.**
PUAF698P	**Selected Topics in Public Affairs; INFORMATION TECHNOLOGY & POLICY** **Contact department for information to register for this course.**
PUAF698T	**Selected Topics in Public Affairs; Managing Across Sectors** **Contact department for information to register for this course.**
PUAF698X	**Selected Topics in Public Affairs; Performance Management and Leading for Results** **Contact department for information to register for this course.**
PUAF699G	**Selected Topics Public Policy; Leadership in Groups and Organizations** **Contact department for information to register for this course.**
PUAF699O	**Selected Topics Public Policy; 21st Century Policy Challenges** **Contact department for information to register for this course.**

PUAF699T **Selected Topics Public Policy; Terrorism Analysis: Tools & Practices**
Contact department for information to register for this course.

PUAF699V **Selected Topics Public Policy; Homeland Security Policy**
Contact department for information to register for this course.

PUAF699W **Selected Topics Public Policy; Motivations and Intents of Terrorism**
Contact department for information to register for this course.

PUAF699X **Selected Topics Public Policy; Organizational Behavior**
Contact department for information to register for this course.

PUAF711 **Public Management and Leadership**

PUAF711 Public Management and Leadership; (3 credits) Grade Method: REG/AUD.
For PUAF majors only or permission of department. Reviews the managerial, political, and ethical problems faced by public sector managers and leaders, including setting an organization's goals, obtaining and protecting a program mandate, designing a service delivery system and implementing a new program.

RB01	Elizabeth Duke	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 5:30pm - 8:45pm	Location: TBA
	This section meets downtown at the Regan Building. Registered students will receive further instructions.	

PUAF712 **Analysis of Fiscal Conditions**
Contact department for information to register for this course.

PUAF724 **Problems of Global Security**
Contact department for information to register for this course.

PUAF740 **Public Policy and the Environment**
Contact department for information to register for this course.

PUAF752 **Managing Differences:Resolving Conflict and Negotiating Agreements**
Contact department for information to register for this course.

PUAF770 **Seminar in Housing and Community Development Strategies**
Contact department for information to register for this course.

PUAF772 **Housing Finance**
Contact department for information to register for this course.

PUAF774 **Asset Management**
Contact department for information to register for this course.

PUAF790 **Project Course**
Contact department for information to register for this course.

PUAF798A **Readings in Public Policy; Readings in Public Policy**

PUAF798A Readings in Public Policy: Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF798B **Readings in Public Policy; Readings in Public Policy**

PUAF798B Readings in Public Policy: Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
For PUAF majors only.

Contact department for information to register for this course.

PUAF898 **Pre-Candidacy Research**

PUAF898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF899 **Doctoral Dissertation Research**

PUAF899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

RDEV Real Estate Development Summer 2011

RDEV688I **Selected Topics in Real Estate Development; Capstone Seminar in Real Estate Development**

RDEV688I *(PermReq)* **Selected Topics in Real Estate Development: Capstone Seminar in Real Estate Development; (3 credits)** Grade Method: REG/AUD.

0101	Michael Johnson	Seats (Total: 4)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 10:00pm	SQH 2119

RDEV688J **Selected Topics in Real Estate Development; Principles Urban Desgin**

RDEV688J *(PermReq)* **Selected Topics in Real Estate Development: Principles Urban Desgin; (3 credits)** Grade Method: REG/AUD.

Prerequisite: permission of department.

0201	Christian Calleri	Seats (Total: 30)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:30pm - 9:45pm	ARC 1103
RD01	Christian Calleri	Seats (Total: 2)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

RDEV689D **Current Topics in Real Estate Development; Portfolio and Asset Management for Commercial Property Owners**

RDEV689D *(PermReq)* **Current Topics in Real Estate Development: Portfolio and Asset Management for Commercial Property Owners; (3 credits)** Grade Method: REG/AUD.

Course will also meet Saturday, June 18 from 10am - 12pm.

0101	Chris Hanessian	Seats (Total: 22)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:30pm - 9:45pm	ARC 1105

RDEV689N **Current Topics in Real Estate Development; Due Diligence and Closing Commercial Transactions**

RDEV689N *(PermReq)* **Current Topics in Real Estate Development: Due Diligence and Closing Commercial Transactions; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department.

0101	Christopher Naughten **Meets May 31, 2011 - July 10, 2011** TuTh 6:30pm - 9:45pm	Seats (Total: 30) ARC 1101
RD01	Christopher Naughten **Meets May 31, 2011 - July 10, 2011** TuTh 6:30pm - 9:45pm	Seats (Total: 2) ARC 1101

RDEV689V **Current Topics in Real Estate Development; Pulic Private Real Estate**

RDEV689V *(PermReq)* **Current Topics in Real Estate Development: Pulic Private Real Estate; (3 credits)** Grade Method: REG/AUD.

0201	William Reed **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details. *Class meets July 8-10; July 22-24; and August 5-7.*	Seats (Total: 10)

RDEV689Y **Current Topics in Real Estate Development; Guided Real Estate Development Project**

RDEV689Y *(PermReq)* **Current Topics in Real Estate Development: Guided Real Estate Development Project; (1 credit)** Grade Method: REG/AUD.
Permission of the department required to register.

0101	Margaret McFarland **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 20)

RUSS Russian Summer 2011

RUSS101 **Intensive Elementary Russian I**

RUSS101 Intensive Elementary Russian I; (6 credits) Grade Method: REG/P-F/AUD.
Not open to native speakers of Russian. Credit will be granted for only one of the following: RUSS101; or RUSS111 and RUSS112. This intensive first-year course is intended to develop the four skills: reading, writing, listening and speaking with an emphasis on communicative competence.

0101	Cynthia Martin, Anna Lukyanchenko	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 10:00am - 1:30pm	JMZ 1224

RUSS102 **Intensive Elementary Russian II**

RUSS102 Intensive Elementary Russian II; (6 credits) Grade Method: REG/P-F/AUD.
Not open to native speakers of Russian. Prerequisite: RUSS101 or RUSS102 or equivalent. Credit will be granted for only one of the following: RUSS102; or RUSS113 and RUSS114. A continuation of RUSS101 which will further develop the four skills: reading, writing, listening and speaking with an emphasis on communicative competence.

0201	Cynthia Martin, Ekaterina Solovyeva	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MTuWTh 10:00am - 1:30pm	JMZ 3118

RUSS201 **Intermediate Russian I**

RUSS201 Intermediate Russian I; (5 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Not open to native speakers of Russian. Prerequisite: RUSS102 or RUSS114 or equivalent. Continued activation and expansion of skills and knowledge acquired in an elementary Russian course with the goal of communicative competence.

0101	Zhanna Gerus-Vernola	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	MTuWTh 10:00am - 12:50pm	JMZ 1226

RUSS202 **Intermediate Russian II**

RUSS202 Intermediate Russian II; (5 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Not open to native speakers of Russian. Prerequisite: RUSS201. Continued activation and expansion of skills and knowledge acquired in RUSS201 with the goal of communicative competence.

0201	Cynthia Martin, Leysan Khakimova **Meets July 11, 2011 - August 21, 2011** MTuWTh 10:00am - 12:50pm	Seats (Total: 15) JMZ 1226

SOCY Sociology Summer 2011

SOCY100 **Introduction to Sociology**

SOCY100 Introduction to Sociology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
The fundamental concepts and principles of sociology. Includes consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and social change. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0201	Lester Andrist **Meets July 11, 2011 - August 21, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 26) PLS 1119
0501	Aleia Fobia **Meets June 20, 2011 - July 8, 2011** MTuWThF 9:00am - 12:00pm *Students who wish to register for this section after June 5, 2009, plea e e-mail summer@umd.edu .*	Seats (Total: 40) ASY 3211
FF61	Amber Nelson **Meets August 1, 2011 - August 19, 2011** MTuWTh 1:00pm - 4:20pm	Seats (Total: 25) EDU 2119
WB11	John Pease **Meets May 31, 2011 - July 10, 2011** Class time/details on ELMs	Seats (Total: 35) ONLINE

XA21	Lester Andrist **Meets July 11, 2011 - August 21, 2011** MTuWThF 9:30am - 10:50am	Seats (Total: 14) PLS 1119

SOCY105 **Introduction to Contemporary Social Problems**

SOCY105 Introduction to Contemporary Social Problems; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
An examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality. An introduction to sociology by examining contemporary social problems, with an emphasis on topics that relate to youth such as drug and alcohol abuse, teen pregnancy, and violence. We'll explore how social scientists define and measure social problems; how social problems connect to institutions such as religion, education, and government; and how conflict and inequality contribute to the presence of certain kinds of social problems in our society.

0401	Shinta Hernandez **Meets July 11, 2011 - July 29, 2011** MTuWTh 1:00pm - 4:00pm	Seats (Total: 40) ASY 1213
YS41	Kathryn Buford **Meets July 11, 2011 - July 29, 2011** MTuWThF 9:00am - 12:00pm *This section is part of The Young Scholars Program. Enrollment by permission only.*	Seats (Total: 20) EDU 2102

SOCY201 **Introductory Statistics for Sociology**

SOCY201 Introductory Statistics for Sociology; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY100 and MATH111 or equivalent. Not open to students who have completed BMGT231, ENEE324, or STAT400. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Elementary descriptive and inferential statistics. Construction and percentaging of bivariate contingency tables; frequency distributions and graphic presentations; measures of central tendency and dispersion; parametric and nonparametric measures of association and correlation; regression; probability; hypothesis testing; the normal, binomial and chi-square distributions; point and interval estimates.

0201	Manjistha Banerji	Seats (Total: 30)	
	Meets July 11, 2011 - August 21, 2011		
	MTuWTh 4:30pm - 6:10pm	ARC 1103	
	MW 7:00pm - 8:30pm	ARC 1103	Lab

SOCY203 **Sociological Theory**

SOCY203 Sociological Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY100. Development of the science of sociology; historical backgrounds; recent theories of society. Required of all sociology majors.

0401	Roberto Korzeniewicz	Seats (Total: 30)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:00am - 12:00pm	ASY 3219

SOCY230 **Sociological Social Psychology**

SOCY230 Sociological Social Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change. Students who wish to register for this section after July 15, 2011, plea se e-mail summer@umd.edu.

0601	Amy Baxter	Seats (Total: 30)
	Meets August 1, 2011 - August 19, 2011	
	MTuWThF 1:00pm - 4:00pm	ASY 3207

SOCY305 **Scarcity and Modern Society**

SOCY305 Scarcity and Modern Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: three credits of sociology.* Resource depletion and the deterioration of the environment. Relationship to lifestyles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the futurist literature.

0401	Kurt Finsterbusch	Seats (Total: 30)
	Meets July 11, 2011 - July 29, 2011	
	MTuWThF 9:30am - 12:15pm	ASY 3207

SOCY325 **The Sociology of Gender**

SOCY325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: three credits of sociology. Also offered as WMST325. Credit will be granted for only one of the following: SOCY325 or WMST325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society. Students who wish to register for this section after July 15, 2011, plea se e-mail summer@umd.edu.

0301	Michelle Sandhoff	Seats (Total: 40)
	Meets May 31, 2011 - June 17, 2011	
	MTuWThF 1:00pm - 4:00pm	ASY 3207
0601	Crosby Hipes	Seats (Total: 40)
	Meets August 1, 2011 - August 19, 2011	
	MTuWTh 6:00pm - 9:10pm	ASY 3211
	Students who wish to register for this section after July 17, 2009, ple se e-mail summer@umd.edu.	

SOCY380 **Honors Independent Reading in Sociology**

SOCY380 Honors Independent Reading in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Formerly SOCY378. This course permits sociology honor students to undertake a program or reading on a particular problem in sociology or a subfield therein. The reading will be done under the supervision of a member of the sociology faculty. Required of sociology honor students.

Contact department for information to register for this course.

SOCY381 **Honors Independent Research in Sociology**

SOCY381 Honors Independent Research in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY380. Formerly SOCY388. This course permits sociology students to define a particular problem in sociology or a subfield therein and to develop a research plan for use as a thesis topic. The work will be done under the supervision of a member of the sociology faculty.

Contact department for information to register for this course.

SOCY383 **Honors Thesis Research**

SOCY383 Honors Thesis Research; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY381. Formerly SOCY389. Student research under the direction of a member of the sociology faculty, culminating in the presentation and defense of a thesis reporting the research.

Contact department for information to register for this course.

SOCY386 **Experiential Learning**

SOCY386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

SOCY399 **Independent Study in Sociology**

SOCY399 *(PermReq)* **Independent Study in Sociology; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY410 **Social Demography**

SOCY410 Social Demography; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: six credits of sociology or permission of department.* Types of demographic analysis; demographic data; population characteristics; migration; mortality; fertility; population theories; world population growth; population policy.

0101	Jennifer Nixon	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 10:55am	ASY 3219

SOCY441 **Social Stratification and Inequality**

SOCY441 Social Stratification and Inequality; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: six credits of sociology or permission of department. Junior standing. The sociological study of social class, status, and power. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility. Students who wish to register for this section after July 15, 2011, plea se e-mail summer@umd.edu.

0601	Paul Dean	Seats (Total: 30)
	Meets August 1, 2011 - August 19, 2011	
	MTuWThF 9:00am - 12:00pm	ASY 3211

SOCY443 **The Family and Society**

SOCY443 The Family and Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: six credits of sociology or permission of department.* Study of the family as a social institution; its biological and cultural foundations, historical development, changing structures and functions, the interaction of marriage and parenthood, disorganizing and reorganizing factors in present-day trends. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu .

0501	Linda Moghadam	Seats (Total: 30)
	Meets June 20, 2011 - July 8, 2011	
	MTuWTh 6:00pm - 9:45pm	ASY 3215
	Students who wish to register for this section after June 5, 2009, please email summer@umd.edu.	

SOCY498R **Selected Topics in Sociology; Spain: Barcelona and the Changing Meaning of Place**
Contact department for information to register for this course.

SOCY699 **Special Social Problems**

SOCY699 Special Social Problems; (1-16 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY799 **Master's Thesis Research**

SOCY799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY898 **Pre-Candidacy Research**

SOCY898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY899 **Doctoral Dissertation Research**

SOCY899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN Spanish Summer 2011

SPAN103 **Intensive Elementary Spanish**

SPAN103 Intensive Elementary Spanish; (4 credits) Grade Method: REG/P-F/AUD. *Not open to students who have completed SPAN101, SPAN102, more than two years of high school Spanish, or to fluent/native speakers of Spanish. Credit will be granted for only one of the following: SPAN102 or SPAN103.* Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Maggy Rodriguez **Meets May 31, 2011 - July 10, 2011** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 0208
0102	Ana Acedo Garcia **Meets May 31, 2011 - July 10, 2011** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 3120
0201	Matthew Lewis **Meets July 11, 2011 - August 21, 2011** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) EDU 0206

SPAN169W **Special Topics in Study Abroad I; Introduction to Spanish Lanuage I**
Contact department for information to register for this course.

SPAN169X **Special Topics in Study Abroad I; Elementary Spanish I**
Contact department for information to register for this course.

SPAN169Y **Special Topics in Study Abroad I; Elementary Spanish II**
Contact department for information to register for this course.

SPAN169Z **Special Topics in Study Abroad I; Introduction to Spanish Lanuage II**
Contact department for information to register for this course.

SPAN203 **Intensive Intermediate Spanish**

SPAN203 Intensive Intermediate Spanish; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: SPAN103 or equivalent. Not open to students who have completed four years of high school Spanish or to fluent/native speakers of Spanish. Credit will be granted for only one of the following: SPAN201 or SPAN203. Formerly SPAN201. Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Cristina Burneo **Meets May 31, 2011 - July 10, 2011** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 0105
0102	Carolina Gomez-Montoya **Meets May 31, 2011 - July 10, 2011** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) PLS 1115
0201	Kathryn Taylor **Meets July 11, 2011 - August 21, 2011** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 3205
0202	Evelyn Canabal-Torres **Meets July 11, 2011 - August 21, 2011** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) PLS 1117
0203	Evelyn Canabal-Torres **Meets July 11, 2011 - August 21, 2011** MTuWTh 9:30am - 11:45am	Seats (Total: 25) JMZ 1224

SPAN204 **Spanish Grammar Review**
Contact department for information to register for this course.

SPAN207 **Reading and Writing in Spanish**

SPAN207 Reading and Writing in Spanish; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SPAN203 with a grade of B+ or higher; or SPAN204 or concurrent SPAN204; or equivalent knowledge; or permission of department. Selected readings with emphasis on reading comprehension and the development of reading strategies. Work in composition writing and a review of selected grammatical topics. Complements material of SPAN204.

0101	Karen Krausen **Meets May 31, 2011 - July 10, 2011** MW 6:00pm - 9:20pm	Seats (Total: 25) JMZ 2207

SPAN269P **Special Topics in Study Abroad II; Spanish Oral Techniques**
Contact department for information to register for this course.

SPAN301 **Advanced Grammar and Composition I**

SPAN301 Advanced Grammar and Composition I; (3 credits) Grade Method: REG/P-F/AUD.
Pre- or corequisite: SPAN207. Practice of complex grammatical structures through reading and writing of compositions and essays. Specific lexical, syntactic, rhetorical, and stylistic devices will be highlighted.

0101	Maria Campero	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:20pm	PLS 1146

SPAN302 **Advanced Grammar and Composition II**

SPAN302 Advanced Grammar and Composition II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SPAN301. Practice in and writing of different types of compositions and essays, including narrations, descriptions, and persuasive writing. Review of problematic syntactical structures.

0201	Leonardo Solano Moraga	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuWTh 9:30am - 11:45am	JMZ 1117

SPAN303 **Approaches to Cultural Materials in the Hispanic World**

SPAN303 Approaches to Cultural Materials in the Hispanic World; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SPAN207 or permission of instructor. Development of proficiency in critical thought through the reading, viewing, and analytical discussion of major genres and styles of cultural materials selected from Spanish-speaking world. Taught in Spanish.

0101	Norman Gonzalez	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuWTh 9:30am - 11:45am	JMZ 3118

SPAN311 **Advanced Conversation I**

SPAN311 Advanced Conversation I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: SPAN204 or SPAN211 or permission of department. Not open to native/fluent speakers of Spanish.* Further development of listening and speaking skills in Spanish. Opportunity to develop oral fluency, improve pronunciation and increase vocabulary. Individual and/or group oral presentations.

0101	Andrea Mickus	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MW 6:00pm - 9:20pm	PLS 1180

SPAN312 **Advanced Conversation II**
Contact department for information to register for this course.

SPAN315 **Commercial Spanish I**

SPAN315 Commercial Spanish I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: SPAN301 and SPAN303; or permission of department.* Business Spanish terminology, vocabulary and practices. Emphasis on everyday spoken and written Spanish. Readings and discussions of Spanish commercial topics. May include exposure to Spanish commercial topics. May include exposure to Spanish business environments.

0101	Carmen Ruzza	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 6:00pm - 9:20pm	JMZ 0205

SPAN333 **Spanish Culture, Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

SPAN369C **Special Topics in Study Abroad III; Spanish Culture and History**
Contact department for information to register for this course.

SPAN369P **Special Topics in Study Abroad III; Spanish Oral Techniques**
Contact department for information to register for this course.

SPAN401 **Advanced Composition I**
Contact department for information to register for this course.

SPAN402 **Advanced Composition II**

Contact department for information to register for this course.

SPAN408J **Great Themes of the Hispanic Literatures; Contemporary Mexican Literature**

Contact department for information to register for this course.

SPAN408L **Great Themes of the Hispanic Literatures; Reading the Present/Revisiting the Past: Narratives from the Southern Cone**

SPAN408L Great Themes of the Hispanic Literatures: Reading the Present/Revisiting the Past: Narratives from the Southern Cone; (3 credits) Grade Method: REG/P-F/AUD.

Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0501	Laura Demaria	Seats (Total: 20)
	Meets June 20, 2011 - July 8, 2011	
	MTuWTh 6:00pm - 9:20pm	JMZ 2206

SPAN408N **Great Themes of the Hispanic Literatures; El Camino de Santiago: Magic, Miracles, and Marvels.**

SPAN408N Great Themes of the Hispanic Literatures: El Camino de Santiago: Magic, Miracles, and Marvels.; (3 credits) Grade Method: REG/P-F/AUD.

0401	Carmen Benito-Vessels	Seats (Total: 25)
	Meets July 11, 2011 - July 29, 2011	
	MTuWTh 6:00pm - 9:20pm	JMZ 3120

SPAN408X **Great Themes of the Hispanic Literatures; Spain: Salamanca and Barcelona**

Contact department for information to register for this course.

SPAN409B **Great Themes of the Hispanic Literatures; 20th Century and Contemporary Latin American Short Story**

Contact department for information to register for this course.

SPAN448C **Special Topics in Latin American Civilization; Filth and Literature in the Hispanic Caribbean**

SPAN448C Special Topics in Latin American Civilization: Filth and Literature in the Hispanic Caribbean; (3 credits) Grade Method: REG/P-F/AUD.

0301	Juan Carlos Quintero-Herencia **Meets May 31, 2011 - June 17, 2011** MTuWTh 6:00pm - 9:20pm	Seats (Total: 25) JMZ 3205

SPAN464 **Contemporary Spanish Poetry**
Contact department for information to register for this course.

SPAN474 **Central American Literatures, Cultures, and Histories**
Contact department for information to register for this course.

SPAN699 **Independent Study in Spanish**

SPAN699 Independent Study in Spanish; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN799 **Master's Thesis Research**

SPAN799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN899 **Doctoral Dissertation Research**

SPAN899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0210	Jorge Aguilar-Mora **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 1)
0225	Laura Demaria **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 1)
0232	Sandra Cypess **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 1)

SPHL Public Health Summer 2011

SPHL389I **Public Health Science Topical Investigations; India: Global Health and Development**
Contact department for information to register for this course.

SPHL698F **Special Topics in Public Health; Social Marketing in Public Health**

SPHL698F Special Topics in Public Health: Social Marketing in Public Health; (3 credits) Grade Method: REG/AUD.
Click here for more course information.

0101	Muhiuddin Haider **Meets May 31, 2011 - July 10, 2011** TuW 5:00pm - 8:30pm	Seats (Total: 20) SPH 0305
GH01	Muhiuddin Haider **Meets May 31, 2011 - July 10, 2011** TuW 5:00pm - 8:30pm	Seats (Total: 2) SPH 0305

STAT Statistics and Probability Summer 2011

STAT100 **Elementary Statistics and Probability**

STAT100 Elementary Statistics and Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: permission of Math Department based on satisfactory score on MATHEMATICS PLACEMENT EXAM; or MATH110, MATH112, MATH113, or MATH115. Not open to students who have completed MATH111 or any MATH or STAT course with a prerequisite of MATH141. Credit will be granted for only one of the following: MATH111 or STAT100. Simplest tests of statistical hypotheses; applications to before-and-after and matched pair studies. Events, probability, combinations, independence. Binomial probabilities, confidence limits. Random variables, expected values, median, variance. Tests based on ranks. Law of large numbers, normal approximation. Estimates of mean and variance.

0101	Christopher Miller **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 9:20am	Seats (Total: 30) MTH 0105

0201	Xuan Liu	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 9:30am - 10:50am	MTH B0425

STAT386 **Experiential Learning**

STAT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. Junior standing.*

0150	Paul Smith	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

STAT400 **Applied Probability and Statistics I**

STAT400 Applied Probability and Statistics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH 131 with a grade of C or better, or MATH 141 or equivalent. Not acceptable toward graduate degrees in STAT, AMSC, or MATH. Credit will be granted for only one of the following: BMGT231, ENEE324 or STAT400. These courses are not interchangeable. Consult your program requirements or advisor for what is acceptable toward your program of study. Random variables, standard distributions, moments, law of large numbers and central limit theorem. Sampling methods, estimation of parameters, testing of hypotheses.

0101	Abram Kagan	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	MTuWThF 9:30am - 10:50am	MTH B0425
0201	Benjamin Kedem	Seats (Total: 28)
	Meets July 11, 2011 - August 21, 2011	
	MTuWThF 11:00am - 12:20pm	MTH 0105

STAT498A **Selected Topics in Statistics**

STAT498A *(PermReq)* **Selected Topics in Statistics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT689 **Research Interactions in Statistics**

STAT689 *(PermReq)* **Research Interactions in Statistics; (1-3 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

STAT698A **Selected Topics in Probability**

STAT698A *(PermReq)* **Selected Topics in Probability; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT798A **Selected Topics in Statistics**

STAT798A *(PermReq)* **Selected Topics in Statistics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT799 **Master's Thesis Research**

STAT799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT899 **Doctoral Dissertation Research**

STAT899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SUMM Summer Summer 2011

SUMM004 **Multi-Track Diplomacy: Tranforming Violent Conflict Workshop**

SUMM004 Multi-Track Diplomacy: Tranforming Violent Conflict Workshop; (No CEU'S) Grade Method: NGI.
Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu. Click here for more information.

0501	John Davies **Meets June 20, 2011 - July 8, 2011** TuTh 6:00pm - 9:20pm	Seats (Total: 30) TYD 1101

SUMM010 **Non-Credit Workshop: Studio ArtIron Casting**

SUMM010 Non-Credit Workshop: Studio ArtIron Casting; (No CEU'S) Grade Method: NGI.
Also offered as ARTT330. This is a non-credit Workshop. Students must pay a $40 materials fee.

0301	Steven Jones **Meets May 31, 2011 - June 17, 2011** MTuWTh 3:00pm - 7:00pm	Seats (Total: 7) ASY 1310

SUMM015 **Field Methods in Archaeology**

SUMM015 Field Methods in Archaeology; (No CEU'S) Grade Method: NGI.
Also offered as ANTH496 and ANTH696.

0101	Mark Leone, Jocelyn Knauf, Amanda Tang **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 4:00pm	Seats (Total: 20) Location: TBA
0102	Stephen Brighton **Meets May 31, 2011 - July 10, 2011** MTuWThF 8:00am - 4:00pm	Seats (Total: 15) Location: TBA

SUMM016 **Introduction to Cultural Resource Management**

SUMM016 Introduction to Cultural Resource Management; (No CEU'S) Grade Method: NGI.
Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0501	Terry Klein	Seats (Total: 10)
	Meets June 20, 2011 - June 25, 2011	
	MTuWThFSa 9:00am - 5:00pm	Location: TBA

SUMM062 **Academic Skills**

SUMM062 *(PermReq)* **Academic Skills; (No CEU'S)** Grade Method: NGI.

0101	Beverly Greenfeig	Seats (Total: 100)
	Meets June 7, 2011 - June 24, 2011	
	TuWTh 10:30am - 12:30pm	TLF 1103

SURV Survey Methodology Summer 2011

SURV623 **Data Collection Methods in Survey Research**

SURV623 Data Collection Methods in Survey Research; (3 credits) Grade Method: REG/AUD.
Review of alternative data collection methods used in surveys, concentrating on the impact these techniques have on the quality of survey data, including measurement error properties, levels of nonresponse and coverage error. Reviews of the literature on major mode comparisons (face-to-face interviewing, telephone survey and self-administered questionnaires), and alternative collection methods (diaries, administrative records, direct observation, etc.). The statistical and social science literatures on interviewer effects and nonresponse, and current advances in computer-assisted telephone interviewing (CATI), computer-assisted personal interviewing (CAPI), and other methods such as touchtone data entry (TDE) and voice recognition (VRE).

0101	Frederick Conrad	Seats (Total: 20)
	Meets June 6, 2011 - July 1, 2011	
	MTuWThF 1:00pm - 3:00pm	LEF 1208

SV01	Frederick Conrad **Meets June 6, 2011 - July 1, 2011** MTuWThF 1:00pm - 3:00pm *Meets at Census Bureau in Suitland, MD. Students in this section are using video stream at this locatioin only.*	Seats (Total: 20) Location: TBA

SURV625 **Applied Sampling**

SURV625 Applied Sampling; (3 credits) Grade Method: REG/AUD.
Prerequisite: statistics course approved by the department. Practical aspects of sample design. Topics include: probability sampling (including simple random, systematic, stratified, clustered, multistage and two-phase sampling methods), sampling with probabilities proportional to size, area sampling, telephone sampling, ratio estimation, sampling error estimation, frame problems, nonresponse, and cost factors.

0101	James Lepkowski **Meets June 7, 2011 - August 5, 2011** TuTh 3:00pm - 5:30pm	Seats (Total: 20) LEF 1208
SV01	James Lepkowski **Meets June 7, 2011 - August 5, 2011** TuTh 3:00pm - 5:00pm *Meets at Census Bureau in Suitland, MD. Students in this section are using video stream at this locatioin only.*	Seats (Total: 20) Location: TBA

SURV630 **Questionnaire Design**

SURV630 Questionnaire Design; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: SURV430 and SURV630. The stages of questionnaire design; developmental interviewing, question writing, question evaluation, pretesting, and questionnaire ordering and formatting. Reviews of the literature on questionnaire construction, the experimental literature on question effects, and the psychological literature on information processing. Examination of the diverse challenges posed by self versus proxy reporting and special attention is paid to the relationship between mode of administration and questionnaire design.

0101	Frauke Kreuter **Meets June 6, 2011 - July 1, 2011** MTuWThF 10:30am - 12:30pm	Seats (Total: 20) LEF 1208

SURV699 **Special Topics in Survey Methodology**

SURV699 *(PermReq)* **Special Topics in Survey Methodology; (1-3 credits)** Grade Method: REG/AUD.

0201	Roger Tourangeau **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 10)
1501	Roger Tourangeau **Meets July 11, 2011 - August 21, 2011** Contact instructor or department for details.	Seats (Total: 5)

SURV699K **Special Topics in Survey Methodology; Multi-Level Analysis of Survey Data**

SURV699K Special Topics in Survey Methodology: Multi-Level Analysis of Survey Data; (3 credits) Grade Method: REG/AUD.

0101	Robert Croninger **Meets June 6, 2011 - July 1, 2011** MTuWThF 10:30am - 12:30pm	Seats (Total: 12) LEF 2208

SURV899 **Doctoral Dissertation Research**

SURV899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET Theatre Summer 2011

THET110 **Introduction to the Theatre**

THET110 Introduction to the Theatre; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Introduction to the people of the theatre: actors, directors, designers and backstage personnel. The core and characteristics of a play script; theatrical forms and styles; and theatre history.

0201	Michael Boynton **Meets July 11, 2011 - August 21, 2011** MTuW 10:00am - 12:15pm	Seats (Total: 12) PAC 1815
XA21	Michael Boynton **Meets July 11, 2011 - August 21, 2011** MTuW 10:00am - 12:15pm	Seats (Total: 14) PAC 1815

THET116 **Fundamentals of Theatrical Design**

THET116 Fundamentals of Theatrical Design; (3 credits) Grade Method: REG/P-F/AUD.
This course may be taken simultaneously with THE273, THET373, or THET284. Prerequisite: Theatre Majors or permission of department. Recommended: THET220 or THET222. Freshman standing. Examines theatre as an environmental art that is realized through collaboration between set, costume, and lighting designers.

0101	Daniel Conway **Meets May 31, 2011 - July 10, 2011** TuTh 9:00am - 12:20pm	Seats (Total: 10) PAC 2733

THET386 **Experiential Learning**

THET386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

THET399O **Independent Study; The Aesthetics of Experimental Video**

THET399O Independent Study: The Aesthetics of Experimental Video; (3 credits) Grade Method: REG/P-F/AUD.

0201	Adam Nixon	Seats (Total: 22)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:00pm - 9:15pm	PAC 1815

THET489T **Special Topics in Theatre History from 1800 to Present; The Contemporary American Musical: From Hair to Hairspray**

THET489T Special Topics in Theatre History from 1800 to Present: The Contemporary American Musical: From Hair to Hairspray; (3 credits) Grade Method: REG/P-F/AUD.

0101	Korey Rothman	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	MTuW 10:00am - 12:15pm	PAC 1815

THET499 **Independent Study**

THET499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET789 **Master's Practicum**

THET789 *(PermReq)* **Master's Practicum; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET799 **Master's Thesis Research**

THET799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET899 **Doctoral Dissertation Research**

THET899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

UMEI Maryland English Institute Summer 2011

UMEI011 **Integrated English I**

UMEI011 *(PermReq)* **Integrated English I; (5 credits)** Grade Method: S-F.

UM10	Eric Walker **Meets June 13, 2011 - July 29, 2011** WTh 9:00am - 12:30pm MTu 9:00am - 12:30pm	Seats (Total: 18) COL 3109 SQH 1119

UMEI012 **Integrated English II**

UMEI012 *(PermReq)* **Integrated English II; (5 credits)** Grade Method: S-F.

UM10	Daniela Wagner-Loera **Meets June 13, 2011 - July 29, 2011** MTuWTh 9:00am - 12:30pm	Seats (Total: 18) COL 3110
UM11	Julie Zdanoski **Meets June 13, 2011 - July 29, 2011** MTuWTh 9:00am - 12:30pm	Seats (Total: 18) HBK 1108

UMEI013 **Integrated English III**

UMEI013 *(PermReq)* **Integrated English III; (5 credits)** Grade Method: S-F.

UM10	Deborah Turner **Meets June 13, 2011 - July 29, 2011** MTuWTh 9:00am - 12:30pm	Seats (Total: 18) PLS 1168
UM11	Annelies Galletta **Meets June 13, 2011 - July 29, 2011** MTuWTh 9:00am - 12:30pm	Seats (Total: 18) COL 0113

UMEI028A **Special Topics in English as a Second Language; Preparation for Academic Study at an American University**

UMEI028A *(PermReq)* **Special Topics in English as a Foreign Language: Preparation for Academic Study at an American University; (1 credit)** Grade Method: S-F.

UM10	Diego Hernandez	Seats (Total: 25)
	Meets June 13, 2011 - July 29, 2011	
	MW 1:30pm - 3:30pm	TWS 1105

UMEI028B **Special Topics in English as a Second Language; Business Communication**

UMEI028B *(PermReq)* **Special Topics in English as a Foreign Language: Business Communication; (1 credit)** Grade Method: S-F.

UM10	Charles Duquette	Seats (Total: 25)
	Meets June 13, 2011 - July 29, 2011	
	TuTh 1:30pm - 3:30pm	ARC 1105

UMEI028C **Special Topics in English as a Second Language; Focus on Conversation**

UMEI028C *(PermReq)* **Special Topics in English as a Foreign Language: Focus on Conversation; (1 credit)** Grade Method: S-F.

UM10	Raymond Smith	Seats (Total: 25)
	Meets June 13, 2011 - July 29, 2011	
	W 1:30pm - 3:30pm	ASY 3211
	F 9:00am - 11:00am	ASY 3221

UMEI028G **Special Topics in English as a Second Language; Focus on Grammar**

UMEI028G *(PermReq)* **Special Topics in English as a Foreign Language: Focus on Grammar; (1 credit)** Grade Method: S-F.

UM10	Caralyn Bushey	Seats (Total: 25)
	Meets June 13, 2011 - July 29, 2011	
	M 1:30pm - 3:30pm	PLS 1113
	F 11:00am - 1:00pm	KEY 0119

UMEI028P **Special Topics in English as a Second Language; Focus on Pronunciation**

UMEI028P *(PermReq)* **Special Topics in English as a Foreign Language: Focus on Pronunciation; (1 credit)** Grade Method: S-F.

UM10	Diego Hernandez	Seats (Total: 25)
	Meets June 13, 2011 - July 29, 2011	
	TuTh 1:30pm - 3:30pm	ASY 3221

UMEI028T **Special Topics in English as a Second Language; Stategies for the iBT TOEFL**

UMEI028T Special Topics in English as a Foreign Language: Stategies for the iBT TOEFL; (1 credit) Grade Method: S-F.

UM10	Charles Duquette	Seats (Total: 25)
	Meets June 13, 2011 - July 29, 2011	
	F 9:00am - 1:00pm	TWS 1105

UNIV University Courses Summer 2011

UNIV099 **Internship Seminar**

UNIV099 *(PermReq)* **Internship Seminar; (No credit)** Grade Method: S-F. Permission of Internship Coordinator required. Obtain signature and more information at the Career Center, 3100 Hornbake Library. Special fee required for this course.

CP20	Elisabeth Jacobs	Seats (Total: 84)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	
CP21	Elisabeth Jacobs	Seats (Total: 90)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

UNIV102 **STEP: Confidence Building and Study Skills in Mathematics**
Contact department for information to register for this course.

UNIV103 **STEP: Making a Successful Transition to University Life**
Contact department for information to register for this course.

UNIV318B **Special Topics in Study Abroad; Indonesia: Civil Society, Democracy and Sustainable Development**

Contact department for information to register for this course.

UNIV326 **Beyond the Classroom Seminar II**

UNIV326 Beyond the Classroom Seminar II; (1 credit) Grade Method: REG/P-F/AUD.

Prerequisite: UNIV325; for students in the Beyond the Classroom (BTC) living and learning program. Seminar for students in internships and service-learning experiences as context for applying communication skills and knowledge of civic engagement leadership skills first introduced in UNIV325. Must be taken concurrently with experiential learning practicum.

0201	James Riker	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	M 4:00pm - 6:05pm	SCC 1102

UNIV339 **McNair Research Methods and Writing**

UNIV339 *(PermReq)* **McNair Research Methods and Writing; (2-6 credits)** Grade Method: REG/P-F/AUD.

0101	Jungmiwha Bullock	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Tu 9:00am - 5:00pm	WDS 0104

UNIV389J **Special Topics in Undergraduate Studies**

UNIV389J Special Topics in Undergraduate Studies; (3 credits) Grade Method: REG/P-F/AUD.

0101	Joan Burton	Seats (Total: 25)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
0201	Joan Burton	Seats (Total: 25)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

UNIV399M **Experiential Learning in Undergraduate Studies; McNair Program- Research Methods**

UNIV399M Experiential Learning in Undergraduate Studies: McNair Program-Research Methods; (2 credits) Grade Method: REG/P-F/AUD.

0101	Instructor: TBA	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	M 9:00am - 5:00pm	HBK 1112

URSP Urban Studies and Planning Summer 2011

URSP399I **Independent Study**

URSP399I *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP603 **Land Use Planning: Concepts and Techniques**

URSP603 Land Use Planning: Concepts and Techniques; (3 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: URSP603, URBS680 or URBS603. Formerly URBS603. Basic techniques for regulating the use and appearance of land. Legal framework, social implications, planning approaches, communicating land use information.

0101	Julia Koster	Seats (Total: 15)
	Meets May 31, 2011 - July 10, 2011	
	TuTh 7:00pm - 9:45pm	ARC 1103
	Contact instructor or department for details.	

URSP612 **Geographic Information Systems for Urban Planning**

URSP612 *(PermReq)* **Geographic Information Systems for Urban Planning; (3 credits)** Grade Method: REG/AUD.
Credit will be granted for only one of the following: URSP 612 or URSP 688M. Formerly URSP688M. An introduction to GIS and its application to urban planning. Topics include: thematic mapping, GIS data structure, spatial analysis, Internet GIS, using census data to study urban areas, and examples of urban GIS application. Weekly laboratory and project work use ArcGIS software.

0201	Chao Liu	Seats (Total: 20)
	Meets July 11, 2011 - August 21, 2011	
	TuTh 6:45pm - 9:45pm	ARC 1105
	Contact instructor or department for details.	

URSP681 **Urban Planning Law**

URSP681 Urban Planning Law; (3 credits) Grade Method: REG.
Credit will be granted for only one of the following: URSP 681, URBS 450, or URBS 681. Formerly URBS681. Survey of the urban legal environment. Issues of planning, zoning, eminent domain, land use controls, housing codes, historic preservation and related tax provisions.

0201	Stephen Karina	Seats (Total: 15)
	Meets July 11, 2011 - August 21, 2011	
	MW 7:00pm - 10:20pm	ARC 1127

URSP705 **Summer Community Planning Studio I**

URSP705 Summer Community Planning Studio I; (4 credits) Grade Method: REG/AUD.
Prerequisite: permission of instructor. Intensive community planning group field work, typically five days a week for four weeks. Often outside the USA. Application of class work to actual planning and policy challenges. Students seeking to meet the URSP studio requirement must also take URSP 706.

0101	David Falk, Marie Howland	Seats (Total: 10)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	

URSP706 **Summer Community Planning Studio II**

URSP706 Summer Community Planning Studio II; (2 credits) Grade Method: REG/AUD.
Prerequisite: permission of instructor. Intensive analysis and report-preparation of work completed in URSP 705. Held in College Park. Students seeking to meet the URSP studio requirement must also take URSP 705.

0201	James Cohen	Seats (Total: 10)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

URSP708 **Community Planning Studio**

Contact department for information to register for this course.

URSP709 **Field Instruction**

URSP709 Field Instruction; (3 credits) Grade Method: REG/AUD.

0101	James Cohen	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Contact instructor or department for details.	
	Contact instructor or department for details.	

URSP788 **Independent Study in Urban Studies and Planning**

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP798 **Readings in Urban Studies and Planning**

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP799 **Master's Thesis Research**

URSP799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP898 **Pre-Candidacy Research**

URSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP899 **Doctoral Dissertation Research**

URSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

USLT Latina/o Studies Summer 2011

USLT498D **US Latina/o Studies: Special Topics; Latina Lives: Gender, Race, and Sexuality**

Please visit http://amst.umd.edu/programs/course/ for more course information.
USLT498D US Latina/o Studies: Special Topics: Latina Lives: Gender, Race, and Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as AMST328K.

WB21	Ana Perez	Seats (Total: 25)
	Meets July 11, 2011 - August 19, 2011	
	Class time/details on ELMs	ONLINE

USLT498E **US Latina/o Studies: Special Topics; Race and Popular Culture**

USLT498E US Latina/o Studies: Special Topics: Race and Popular Culture; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as AMST328E.

WB11	Douglas Ishii	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

WMST Women's Studies Summer 2011

WMST250 **Introduction to Women's Studies: Women, Art and Culture**

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.
An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.

WB11	Tara Rodgers	Seats (Total: 30)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

WMST255 **Introduction to Literature by Women**

WMST255 Introduction to Literature by Women; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course.
Also offered as ENGL250. Credit will be granted for only one of the following: WMST255 or ENGL250. Images of women in literature by and about women. Also offered as ENGL250.

WB11	Amy Merritt	Seats (Total: 20)
	Meets May 31, 2011 - July 10, 2011	
	Class time/details on ELMs	ONLINE

WMST269A **Special Topics in Study Abroad II; Women and Addiction**
Contact department for information to register for this course.

WMST269C **Special Topics in Study Abroad II; Modern Chinese Culture: Women's Studies**
Contact department for information to register for this course.

WMST269F **Special Topics in Study Abroad II; Women in Spanish Film**
Contact department for information to register for this course.

WMST269M **Special Topics in Study Abroad II; Mexican Society: History and Gender Issues**
Contact department for information to register for this course.

WMST325 **The Sociology of Gender**

WMST325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: Three credits of sociology. Also offered as SOCY325. Credit will be granted for only one of the following: SOCY325 or WMST325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society. Students who wish to register for this section after July 15, 2011, plea se e-mail summer@umd.edu.

0301	Michelle Sandhoff **Meets May 31, 2011 - June 17, 2011** MTuWThF 1:00pm - 4:00pm	Seats (Total: 40) ASY 3207
0601	Crosby Hipes **Meets August 1, 2011 - August 19, 2011** MTuWTh 6:00pm - 9:10pm	Seats (Total: 40) ASY 3211

WMST348C **Literary Works by Women; Science Fiction**

WMST348C Literary Works by Women: Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as ENGL348C.

0101	Jane Donawerth **Meets May 31, 2011 - July 10, 2011** TuTh 6:00pm - 9:15pm	Seats (Total: 35) TWS 0234

WMST369G **Special Topics in Study Abroad III; Gender and Post Socialist Transformation in Central Europe Contact department for information to register for this course.**

WMST386 **Experiential Learning**

WMST386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F.
Prerequisite: Learning Proposal approved by Women's Studies Academic Advisor. Junior standing.

0101	Laura Nichols **Meets May 31, 2011 - July 10, 2011** Contact instructor or department for details.	Seats (Total: 10)

0201	Laura Nichols	Seats (Total: 3)
	Meets July 11, 2011 - August 21, 2011	
	Contact instructor or department for details.	

WMST469E **Study Abroad Special Topics IV; European Women from Past to Present**
Contact department for information to register for this course.

WMST469M **Study Abroad Special Topics IV; Sociology, Gender and Indigenous Beliefs in Mexican Cultures**
Contact department for information to register for this course.

WMST471 **Women's Health**

WMST471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as HLTH471. Credit will be granted for only one of the following: HLTH471 or WMST471. The women's health movement from the perspective of consumerism and feminism. The physician-patient relationship in the gynecological and other medical settings. The gynecological exam, gynecological problems, contraception, abortion, pregnancy, breast and cervical cancer and surgical procedures. Psychological aspects of gynecological concerns.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	Meets May 31, 2011 - July 10, 2011	
	MW 5:00pm - 8:45pm	SPH 0308

WMST499 **Independent Study**

WMST499 Independent Study; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST699 **Independent Study**

WMST699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST899 **Doctoral Dissertation Research**

WMST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.